

## **Historic, Archive Document**

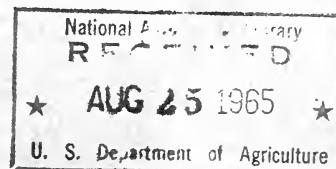
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# Puget Sound Nursery & Seed Co.

1914 CATALOGUE 1915



218 Seneca Street  
SEATTLE, : : : WASH.

# **Everbearing Red Raspberry**

St. Regis and King of the Market

On account of the many superior qualities this variety has over all other varieties, the commission merchants named it "King of the Market," claiming the fruit to be King over all other varieties.

Up to this time there has been but very little attention given to fall or everbearing raspberries.

But this superb variety has produced large crops of fine, delicious berries during the months of September and October.

It has the following superior points of merit, viz.: First, the plants grow very upright, having branches almost from the ground up, like a tree; each of these branches are loaded with berries, and when in full bearing is a sight to behold—nothing like it in the history of the raspberry.

Second, berries a bright crimson color, fine, delicious flavor, very meaty, rich and sugary; extra large in size, and seeds very small.

Third, great productiveness, first spring crop outyielding any other variety known.

Fourth, it gives a crop of berries lasting through June and July from old canes, and by September the young canes begin bearing fruit which lasts all through October.

This fall crop is produced in great quantities, many branches bent to almost breaking in rainbow shape with large delicious berries.

Fifth, the canes are very hardy, healthy and very thrifty; they have withstood a temperature of 22 degrees below zero unprotected and without injury.

We are offering a limited number of this grand berry, for the first time at the bottom low price: 25c each, \$2.50 per dozen, postpaid.

**25 Cents Each, \$2.50 per Dozen**



# To Our Friends and Patrons



**I**N presenting our Annual Catalogue and Price List, we wish to thank our Customers for the patronage accorded us in the past, and believing that we have been able to supply you with good goods, we solicit a continuance of your favors. To those who have never given us an order, we would say that it is our rule to furnish the best lines which we offer at reasonable prices, and we would be pleased to have the opportunity of supplying your needs.

We would remind seed purchasers that there is no part of the world which can produce better vegetable seeds than our Pacific Coast, and that in patronizing a home firm, they not only help business of their own section of the country, but also get the best seeds on the market.

**WARRANTIES.** While we guarantee all of our seeds to be of the very best quality obtainable, and from the best stock, yet so many failures of seed are caused by such conditions as unfavorable weather, unsuitable soil, insect pests, etc., which are entirely beyond the control of the producer and dealer, it will be impossible for us to hold ourselves responsible for the growth, yield or failure of the crop in any respect.

In this list we have only included the most important varieties.

We can, however, supply any other variety at market price.

**THE VARIETIES OF SEED** we offer are those which our experience has taught us are the best suited for this State.

**SEEDS TRUE TO NAME.** We use every precaution to have all seeds true to name, and never substitute one kind for another unless permitted to do so by the purchaser.

**SEEDS BY MAIL.** We pay postage on small packages, but those ordering quantities of one-half pound or more will please add to the catalogue price of seeds 8 cents per pound to cover expense of postage.

**NAME AND ADDRESS.** Be sure and sign your name and give your full address, County and State.

**TERMS.** Cash with the order. Send money by P. O. or Express Money Order, Bank Draft, or Registered Letter. Stamps taken to the amount of \$1 or less; none but **two-cent stamps** are accepted.

Wishing you a prosperous New Year, we are

yours truly,

PUGET SOUND NURSERY AND SEED CO., Inc.  
**SANDAHL & SON, Mgr.**

## QUANTITY OF SEED REQUIRED TO PRODUCE A GIVEN NUMBER OF PLANTS, OR SOW A CERTAIN QUANTITY OF GROUND

Artichoke—1 oz. to 500 plants.	Leek—1 oz. to 200 ft. of drill.
Asparagus—1 oz. to 60 ft. of drill, or 500 plants.	Lettuce—1 oz. to 3,000 plants.
Beans, Dwarf—1 lb. to 50 ft. of drill.	Melon, Water—1 oz. to 30 hills.
Beans, Tall—1 lb. to 75 hills.	Melon, Musk—1 oz. to 75 hills.
Beet—1 oz. to 50 ft. of drill.	Okra—1 oz. to 50 ft. of drill.
Broccoli—1 oz. to 2,000 plants.	Onion Seed—1 oz. to 150 ft. of drill.
Brussels Sprouts—1 oz. to 2000 plants.	Onion Sets—1 lb. to 20 ft. of drill.
Cabbage—1 oz. to 2,000 plants.	Parsnip—1 oz. to 200 ft. of drill.
Carrot—1 oz. to 200 ft. of drill.	Parsley—1 oz. to 200 ft. of drill.
Cauliflower—1 oz. to 2,000 plants.	Peas—1 lb. to 50 ft. of drill.
Celery—1 oz. to 6,000 plants.	Pepper—1 oz. to 1,500 plants.
Chicory—1 lb. to 100 ft. of drill.	Pumpkin—1 oz. to 40 hills.
Corn—1 lb. to 150 hills.	Radish—1 oz. to 100 ft. of drill.
Cress—1 oz. to 100 ft. of drill.	Salisfy—1 oz. to 60 ft. of drill.
Cucumber—1 oz. to 1,500 plants.	Salsify—1 oz. to 60 ft. of drill.
Endive—1 oz. to 200 ft. of drill, or 3,000 plants.	Spinach—1 oz. to 100 ft. of drill.
Kale—1 oz. to 2,000 plants.	Squash, Early—1 oz. to 50 hills.
Kohl Rabi—1 oz. to 2,000 plants.	Squash, Winter—1 oz. to 15 hills.
	Tomato—1 oz. to 4,000 plants.
	Tobacco—1 oz. to 10,000 plants.
	Turnips—1 oz. to 250 ft. of drill.

## TABLE SHOWING THE NUMBER OF PLANTS OR TREES TO THE ACRE AT GIVEN DISTANCES

Dist. Apart.	No. Plants.	Dist. Apart.	No. Plants.
½ foot	174,240	8 feet	680
1 foot	43,560	9 feet	537
1½ feet	19,360	10 feet	435
2 feet	10,890	11 feet	360
2½ feet	6,969	12 feet	302
3 feet	4,840	15 feet	193
4 feet	2,722	16½ feet	160
5 feet	1,742	18 feet	134
6 feet	1,210	20 feet	109
7 feet	899	25 feet	68
		30 feet	48

## Cut Flower Department

We carry at all times a large assortment of **Cut Flowers**, and are prepared to make up, on short notice, **Floral Designs** of every description, artistically arranged, and suitable for all occasions.

Orders by mail, telegraph, or telephone, promptly attended to, and where flowers are to be sent out of the city they will be carefully packed for shipment by mail or express.

We also furnish Palms, Ferns and other ornamental plants, suitable for church, wedding, dinner, and other floral decorations.

**Satisfied Customers Are Our Best Advertisers.**

# VEGETABLE SEED :: DEPARTMENT ::

## ARTICHOKE

**Large Green Globe**—The variety used as a table vegetable. The edible portion is the thick end of the leaf of the flower head, cooked like asparagus. Sow early in drills one foot apart, and, when about ten inches high, transplant into rows four feet apart each way. It will produce only a small crop the first year, but will continue in good bearing five. Cut before the bud opens. **Pkt.**, 5c; **oz.**, 35c; **2 oz.**, 60c; **1/4 lb.**, 95c; **1 lb.**, \$3.25.

## ASPARAGUS

One of the first and most healthful of early spring vegetables. Soak the seed twenty-four hours in warm water, and sow in drills one foot apart. An ounce of seed will sow about thirty feet of drill. Keep the soil mellow and free from weeds. After one year's growth, transplant a foot apart, in rows about three feet apart. The crown of the plant should be six inches below the surface. Keep the soil loose, manure heavily, and give an annual dressing of salt when the plant is dormant.

**Conover's Colossal**—The standard variety on account of its large size, great productiveness and superior quality. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **lb.**, 60c.

**Columbian Mammoth White**—A newer and distinct and valuable variety. The stalks are white, of the largest size; very productive and early. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 25c; **lb.**, 75c.

**Palmetto**—About the same size as Colossal, quite early, and shades towards bright green in color. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 25c; **lb.**, 65c.

## BEANS

(When beans by the pound are wanted by mail or express, prepaid, remit 10 cents per pound to cover charges; 10, 25 and 100-pound lots at buyer's expense for freight.)

Plant, after danger of frost is past, in rich, mellow loam, or highly manured soil, finely pulverized. The bush varieties yield best when planted four to six inches apart in two and one-half to three foot rows. Keep the ground moist, and cultivate thoroughly being careful not to work among nor handle them when wet or damp with rain or dew.

## Dwarf or Bush Green Podded Kinds



(10 cents a pound extra if sent by mail or express prepaid.)

**Extra Early Red Valentine, Improved Round Pod**—Is of healthy, vigorous growth and has no superior in any respect among the green-podded kinds. The pods are round, very fleshy, tender, and rich. The bean is rather small, and, when ripe, usually irregular in form and red in color. **Pkt.**, 10c; **lb.**, 15c; **10 to 25 lbs.**, 12½c per lb.

**Early Mohawk**—The hardiest of the bush kinds, and may safely be planted a week earlier than any other. The pods are pale green, large and broad. The vines continue in bearing a long time, and will withstand a light frost. The bean is large, dark purple and brown mottled. **Pkt.**, 10c; **lb.**, 15c; **10 to 25 lbs.**, 10c per lb.

**Early Long Yellow Six Weeks**—A standard variety; vines vigorous and productive; pods very long and tender when young. The bean is long and of a rich brownish yellow color. **Pkt.**, 10c; **lb.**, 15c; **10 to 25 lbs.**, 10c per lb.

**Early Round Yellow Six Weeks Improved Round Pod**—Thick, fleshy pods, and quite stringless; very early and hardy; superior to the old yellow Six Weeks. Dry beans are yellow drab, and nearly round. **Pkt.**, 10c; **lb.**, 15c; **10 to 25 lbs.**, 10c per lb.

**Extra Early Refugee**—Said to be the earliest green-podded variety, fit for the table two weeks in advance of the old Refugee, and retaining all the good qualities of that standard sort. **Pkt.**, 10c; **lb.**, 15c; **10 to 25 lbs.**, 12½c per lb.

Plant Asparagus Seed in March and the Plants in October.

## LONGFELLOW

### Best Green Podded Bush Bean

The pods are very long and straight, round, dark green, and brittle. They are rather stringy, but of good quality and fine flavor. The dry seeds are dingy brownish-red freely splashed with pale buff; medium size; very slender and straight. **By mail, postpaid, pkt., 10c; lb., 30c.**

**Broad Winsor**—Also known as Horse Beans. Stock erect, strong and shrubby. The bean is large, broad and flat; it is best green shelled. To insure well-filled pods, pinch off the top of the stock and the ends of the shoots when the pods are forming. A very popular table vegetable in European countries. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

**Stringless Green Pod**—A valuable addition to the green-podded sorts; extra early round, fleshy pods; very brittle, and almost entirely stringless. **Pkt., 10c; lb., 20c; 10 to 25 lbs., 12½c per lb.**

## DWARF LIMA BEANS

(10 cents a pound extra if sent by mail or express prepaid.)

**Henderson's Bush Lima**—A small Lima Bean, early and prolific; desirable for early use, but not equal in quality to the different large Limas. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

## DWARF OR BUSH WAX, YELLOW PODDED KIND

(10 cents a pound extra if sent by mail or express prepaid.)

**Extremely Early Challenge Black Wax**—Extremely early, about a week in advance of any other wax variety, and considered the most desirable for first crop. The plants are vigorous and very productive; the pods resemble those of the Prolific German Wax, but are a little flatter. Ripe beans medium size, jet black. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

**Golden Wax**—A standard wax variety, earlier than the old wax kinds. The pods are stringless, very tender, and excellent. The bean is of medium size, purple and white marbled, and one of the best quality, green shelled or dry. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

**Davis Wax**—A hardy, rustless, and immensely productive bush variety. The pods are long, nearly straight, white, and handsome; cooked when young they are tender, juicy, and of fine flavor. The dried bean is kidney shaped, clear white, and a favorite for baking and canning. Popular with canners and market gardeners. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

**Wardwell's Kidney Wax**—A robust, hardy variety, yielding a heavy crop of large, unusually handsome, wax-like pods. They are fleshy, tender and excellent, and are ready for the table earlier than any other wax kind, except the Black-Eyed

Wax. The bean, which is white with dark markings around the eyes, is larger than most other wax beans. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

**Rust-Proof or Detroit Wax**—Excelling in some respects any other wax variety. Is not likely to rust, even when exposed to very wet weather. Pods flat, good length and very broad. Its quality of keeping fresh and crisp a long time after being picked makes it valuable for shipping long distances. It is extra early, quality in the pod all that can be desired, and also excellent green shelled. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

**German Wax, White Seeded**—Much resembling the Black Seeded, except that the pods are larger. The bean, being white, is preferred by some for winter use. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

**Prolific German Wax, Black Seeded**—This is a new kind, and an improvement on the German Wax. It is very prolific, yielding a larger crop than any other bush variety. The pods are large, of a creamy color, and good quality. The bean is rather small and glossy black. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

## POLE OR RUNNING VARIETIES

The pole or running kinds require greater care than the dwarf or bush varieties, but continue in bearing all summer, and yield a much larger crop. They should be planted in rich, mellow soil, in hills four feet apart each way, and well supported with frames or poles firmly placed in the ground. Plant five or six beans in each hill, but allow only three or four vigorous plants to mature.

**White Crease Back**—Vines not as large as some other kinds, but very productive. The pods, which are produced in large clusters, are round, fleshy, of superior quality, mature early, and stand shipping any required distance. The bean is small, white, very firm, and excellent dry shelled. A great favorite in many parts of the South. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

**Southern Prolific**—A very productive kind, continuing in bearing until frost. The pods are very tender, as they grow rapidly, and are ready for the table earlier than any other pole variety. They are produced usually in clusters of four, and are in every respect superior as snaps. The bean is small, and of a dark dun color. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

**Kentucky Wonder or Old Homestead**—A vigorous, good climber, very prolific, bearing in clusters extremely long and very fleshy, succulent pods, round, thick, and remarkably tender. Dry beans are run colored, long, and oval. A first-class pole variety. **Pkt., 10c; lb., 15c; 20 to 25 lbs., 12½c per lb.**

**Dutch Case Knife**—Produces large, flat pods, that are excellent for snaps, cut young. The bean is white, large, flat, and superior quality green shelled or dry. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

## BEANS—Continued.

**London Horticultural or Speckled Cranberry**—Very desirable for the family garden. Vines vigorous, bearing light green pods, streaked with red. The bean is large, oval, cream-colored, beautifully splashed with red, and has no superior for cooking, either green shelled or dry. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

**Scarlet Runner**—A rapid grower, cultivated both for its beautiful scarlet blossoms and for table use. The pods have an approved flavor of their own, cooked as snaps, when about three-fourths grown; the most popular of all string beans in England. The bean, which is very large, is handsomely variegated with dark purple and black, and is used by many green shelled. **Pkt., 10c; lb., 25c.**

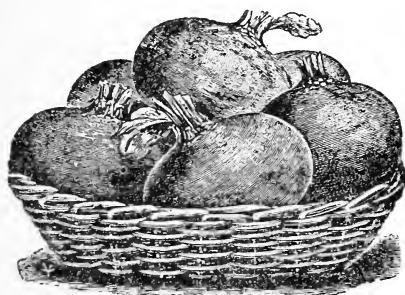
## POLE OR RUNNING LIMA BEANS

**Large White Lima**—A tall, slender, vigorous vine, bearing smooth, light-green leaves, white blossoms, and pods in clusters. The pods are long, broad, and thin, the beans large, kidney shaped flat, and dry. This variety comes to its highest state of perfection in the rich valleys of the Pacific Coast and in the Southern States, where it continues long in bearing, producing a large crop. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

**King of the Garden Lima**—Larger pods and larger beans than the Large White Lima. Quite a favorite with market gardeners. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c per lb.**

BEETS  
For Table Use

The Beet is hardy, and may be planted as soon as the ground can be well prepared, doing best in rich, sandy soil, sown in rows of sixteen inches apart, covered one and one-half inches deep. The seed will sprout better if soaked twenty-four hours in warm water before planting. Thin out by using the largest ones when they are of sufficient size, continuing until they are six or eight inches apart in the row. For field crop, the rows should be far enough apart to permit the use of a horse cultivator.



**Early Blood Red Turnip**—A leading turnip-shaped variety, of medium size, rapid growth, not liable to become woody, keeps well. Flesh bright red, tender, and sweet. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼-lb., 40c; 1b., \$1.00.**

**Crosby's Extra Early Egyptian Blood Turnip**—Very early, large, globular, somewhat lighter colored than the above, and of fine tissue and flavor. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼-lb., 40c; 1b., \$1.00.**

**Edmand's Early Blood Turnip**—Dark red flesh, zoned with a lighter shade; very crisp and tender; keeps sufficiently well to be used as either a summer or winter variety; very desirable addition to the list of turnip-shaped sorts. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼-lb., 40c; 1b., \$1.00.**

**Dark Red Turnip**—Has several attractive features, and is considered by some the best variety. Globular, smooth, hand-

some, uniform in shape, with small tops; it matures early and lasts long; flesh sweet, crisp, and tender. Superior for home use; a favorite with market gardeners and excellent for canning purposes. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1b., \$1.00.**

**Half Long Blood Red**—One of the very best for winter use; does not become woody, and keeps equally as well as the Long Dark Blood. The root is smooth and handsome, and the flesh as brilliant in color and good in quality as the best Blood Turnip varieties. We recommend our customers to give it a trial. **Pkt., 5c; oz., 15c; 2 oz., 25u; ¼ lb., 40c; 1b., \$1.00.**

**Swiss Chard Silver or Sea Kale Beet**—Cultivated exclusively for its leaves and leaf stalk, which are prepared and served similar to asparagus, and are tender and delicious. If cut frequently, the young leaves reappear and make excellent greens, taking the place of spinach. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 50c.**

## BEETS FOR STOCK FEEDING

## DANISH SLUDSTRUP

This new Mangel comes highly recommended. Our seed is direct from the originator. We give his descriptions as follows: Long, reddish-yellow, grows well above the ground, and is easy to pull. Has repeatedly been awarded a first class certificate by the Danish Government and is doubtless the best Mangel in the world. **Pkt., 5c; oz., 10c; ¼ lb., 20c; 1b., 50c.**

**Improved Mammoth Long Red Mangel Wurzel**—An improvement on the Long Red Mangel Wurzel. Roots of more uniform shape; flesh darker in color and generally better relished by stock. Produces an enormous crop. **Pkt., 5c; oz., 10c; ¼ lb., 15c; 1b., 50c; 25 lbs., 40c per pound.**

**Yellow Globe Mangel Wurzel**—An excellent, large, orange-colored variety; very productive and a good keeper. Particularly adapted for growing on shallow soil. **Pkt., 5c; oz., 10c; ¼ lb., 15c; 1b., 50c; 25 lbs., 40c per pound.**

**Yellow Giant Intermediate, Leviathan, or Gate Post**—An improved variation from Yellow Ovoid; smooth skin; sweet, firm flesh; heavy cropper and good keeper. **Pkt., 5c; oz., 10c; ¼ lb., 15c; 1b., 50c; 25 lbs., 40c per pound.**

Plant Table Beets in September and March

## BEETS—Continued

**Yellow Ovoid Mangel Wurzel**—Similar to the Yellow Globe, but grows to a much larger size, and more of a half-long shape. Yields an enormous crop. One of the most desirable stock-feeding mangels. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; 25 lbs., 40c per pound.**

**Golden Tankard Mangel Wurzel**—Ovoid in shape, grows to a large size, and produces an astonishingly large crop. Flesh of a bright yellow, very nutritious, and said to be preferred by stock to any other. Can be grown successfully on shallower soil than Long Red Mangels, and is more easily gathered. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; 25 lbs., 40c per pound.**

## BEETS FOR SUGAR MAKING

(25 lbs. and over at buyer's expense for freight.) **30c per lb.**

**Villamorin's Improved White Sugar**—A medium-sized white Sugar Beet, claimed to be the result of scientific selection from sugar-producing varieties. Uniform in size, form and color, and of a high percentage of sugar. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; 25 lbs., 40c per pound.**

**Klein Wanzeleben or German Imperial White Sugar**—This is the variety mostly grown in California, for use in the manufacture of sugar. It gives the best results raised in sandy soil free from alkali. It

is very profitable as a Sugar Beet. Hardier and more easily handled than Vilmorin's. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; 25 lbs., 40c per pound.**

## BROCCOLI

Broccoli is a species of cabbage so nearly resembling the cauliflower as to be hardly distinguishable from it, being, however, taller, harder, and more easily grown. Treatment and cultivation the same as for cauliflower.

**Early White French** is the best variety. Vigorous and hardy; heads hard, white, compact, and durable. **Pkt., 5c; oz., 35c; 2 oz., 60c; ¼ lb., \$1.00.**

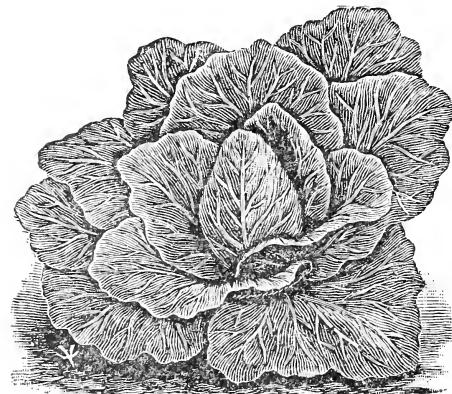
## BRUSSELS SPROUTS

Cultivated for the small heads, which are very sweet and of excellent quality, growing in great numbers on the tall stem of the plant. Particularly valuable for our Washington climate, as a few plants will supply a constant succession during the whole season. Cultivate the same as cabbage.

**Dwarf, Improved**—The best. Produces abundantly. Break away the spreading leaves at the top of the plants when the sprouts begin to form. **Pkt., 5c; oz., 20c; 2 oz., 30c; ¼ lb., 50c; lb., \$1.50.**

## CABBAGE

Cabbage is the most universally cultivated of all garden vegetables, and will thrive in almost any soil, but, to bring it to the greatest perfection, the soil should be deep, rich and moist. For early use, sow in hot-bed or cold frame in winter or very early in the spring. For general culture, sow in beds and transplant, the early varieties, late kinds, three or four feet apart each way.

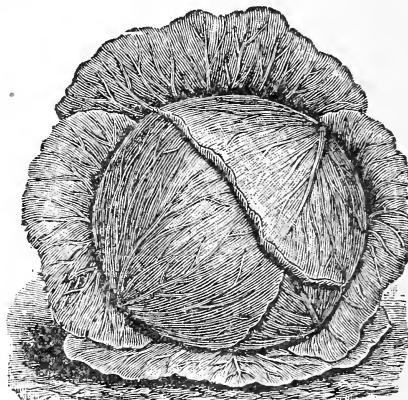


## EARLY OR SPRING VARIETIES

**Early Jersey Wakefield**—The variety so popular in the New York market. Heads conical, of medium size, firm, very crisp, and tender. Early and a sure header. **Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 65c; lb., \$2.00.**

**Early Express**—A rapid grower, and held by some to be the earliest in cultivation. It resembles somewhat the Jersey Wake-

field, but is rather larger, not quite so pointed, and of a more creamy tint. The heads are firm, tender, and of fine quality. **Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 65c; lb., \$2.00.**



**Charleston or Large Wakefield**—Larger and a little later than the Early Jersey Wakefield, but having the same general shape, except that it is less pointed. A good sort for market gardeners. **Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 65c; lb., \$2.00.**

## SECOND EARLY OR SUMMER VARIETIES

**Henderson's Early Summer**—A strong growing large header, somewhat conical in

## CABBAGE—Continued.

form; a better keeper (i. e., less liable to burst) than the average of early sorts. **Pkt.**, 5c; oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lbs., 60c; 1lb., \$2.00.

**Early Winningstadt**—A desirable kind,

oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1lb., \$2.00.

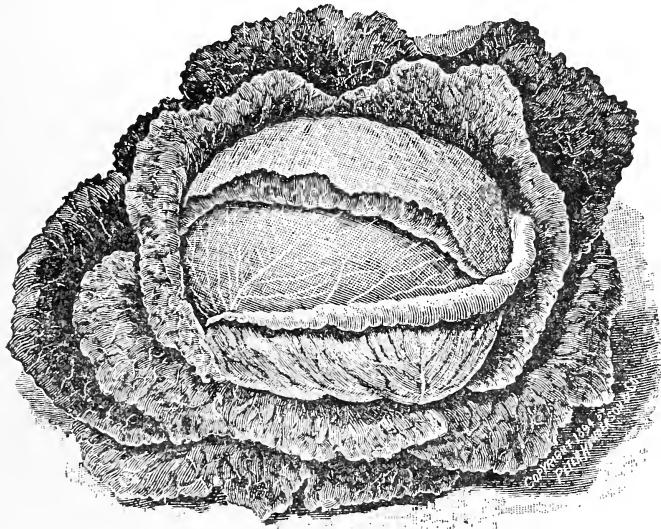
**All Seasons**—Medium early, heads large, slightly flattened; grows low on the stem, and resembles the Early Summer, except that the heads are usually larger, of fine



having conical, solid heads; a sure header under almost any condition; keeps better and is less liable to suffer from blight, drought, or frost than most early varieties. Fine, and of excellent quality. **Pkt.**, 5c;

flavor, tender, and sweet, and superior for all purposes. It is also a good keeper, and can be used as a fall and winter variety. **Pkt.**, 5c; oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1lb., \$2.00.

## LATE VARIETIES



**Large Late Flat Dutch**—A hardy vigorous, and sure-heading sort; large, handsome, and solid; none better as a late market variety, especially for shipping purposes and for long keeping. **Pkt.**, 5c; oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 55c; 1lb., \$2.00.

**Surehead**—Remarkable both for its certainty to head and its ability to withstand drought. Compact, medium to large. **Pkt.**, 5c; oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 55c; 1lb., \$1.75.

**Danish Ball-Head or Hollander**—A very hard heading, late variety, enduring both frost and drought remarkably. Introduced from Denmark and rapidly gaining in pop-

ularity. Plants produce a solid, round head. Keeping qualities of the best. **Pkt.**, 5c; oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 65c; 1lb., \$2.00.

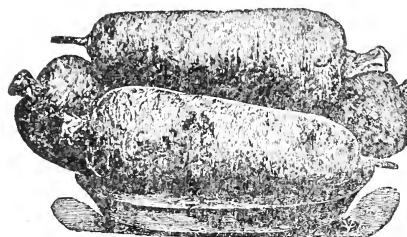
**Red Dutch**—Form a small, round, solid head of a deep red or purple color. Hardy and keeps well; used mostly for pickling and salads. **Pkt.**, 5c; oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1lb., \$2.00.

**Drumhead Savoy**—A large and firm variety of fine quality, leaves very much crinkled. The flavor is very much improved by a light frost. **Pkt.**, 5c; oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1lb., \$2.00.

Plant Cabbage in September and March.

## CARROTS

Sow as soon as the ground can be thoroughly prepared, in rows fifteen inches apart, and, when well up, thin to from four to six inches apart, according to the kind you are growing. The seed germinates slowly, requiring sometimes three weeks for the young plants to appear. To get a start of the weeds, soak the seed a day or two in tepid water, and roll it in sand, plaster, or wood ashes before sowing, or let the ground lie several days after it is prepared for the seed, when the weeds can be killed. The soil should be rich and loose, and it will produce smoother carrots if it is manured the year previous. Sow three pounds to the acre or one ounce to one hundred and fifty feet of row.



**Early Scarlet Horn**—The best early kind for general use. It is larger than the forcing variety, but fully as good in quality, and produces a much larger crop. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 40c; 1b., \$1.00.**

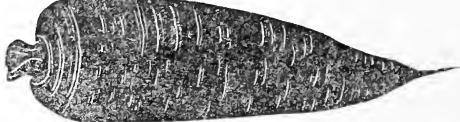
**Ox-Heart or Guerande**—A new variety, having a small top, but rather large, thick, heart-shaped root. The flesh is deep orange, fine grained, and excellent, for either the table or stock feeding. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1b., \$1.00.**

**Chantenay**—For table use, one of the best in shape and finest in quality; half long

uniformly stump rooted, and smooth; color deep orange red; flesh crisp and tender. Early and a heavy cropper. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1b., \$1.00.**

**Dawners Orange, Half Long**—In form about midway between Long Orange and Short Horn. It is of a rich, dark orange color, very smooth and handsome and easier to dig than most carrots. First class in every respect, both for the garden and field crop. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1b., \$1.00.**

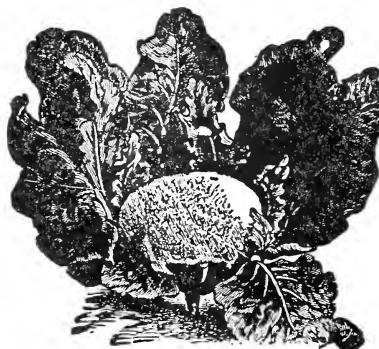
**Fine Long Orange**—The leading large, scarlet-fleshed variety, grown extensively for stock feeding, as well as for table use. For size of root, quality of flesh, and quantity of crop it has no superior. Requires a deeper soil than the short and half-long kinds. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1b., \$1.00.**



**Large White Belgian**—Extensively grown for stock feeding. The most productive of all. Grows much above ground, so that the entire crop can be pulled by hand. The White Belgian has recently been much improved, in the same manner as the Finest Long Orange, and is now larger and of finer quality than formerly. The stock we offer have no superior. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c.**

**Short Thick White**—Half-long, thick, smooth, very productive, the heavier part above ground, the root tapering to the point, flesh of good flavor, white, solid and crisp. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c.**

## CAULIFLOWER



The cauliflower belongs to the cabbage family, and, from its superior qualities as a table vegetable, is a prime favorite. To insure success, a rich, moist soil should be selected. For early crop, start in hotbed; for later use, sow in open ground, transplanting to fifteen inches apart, in thirty-inch rows. Cultivate thoroughly, hilling up the earth around the stalks at each hoeing and water well while the heads are forming.

**Early Snowball**—By many considered one of the best varieties. A sure header, producing handsome, round, firm heads, of excellent flavor and quality. Heads large, mature early, and keep well all winter. **Pkt., 10c; oz., \$1.50; 2 oz., \$2.50; ¼ lb., \$4.50.**

**Extra Early Dwarf Erfurt**—Very dwarf, sure to head, and the earliest. The heads are of good size, pure white, very sound, of excellent quality, and delicate flavor. **Pkt., 10c; oz., \$1.25; 2 oz., \$2.25; ¼ lb., \$4.00.**

**Danish Giant—Dry Weather Cauliflower**

**Danish Giant** is an early, large, solid white Cauliflower that can successfully withstand a drought that would prove fatal to other varieties and will thrive splendidly in dry sections, being peculiarly adapted to their growing conditions, but like all cauliflower must have rich soil and cultivation to give best results. Danish Giant can also be grown under moist conditions and is a dependable market variety. If your location is subject to drought or you are "dry farming," be sure to plant Danish Giant. **Pkt., 20c; ¼ oz., 60c; oz., \$2.00; ¼ lb., \$6.50.**

**Lenormand's Short Stem**—One of the largest and most reliable for general cul-

Plant Carrots and Cauliflower in March

## CAULIFLOWER—Continued.

tivation. The heads are well protected by leaves, so that it is particularly valuable for growing in dry, hot localities. Pkt., 5c; oz., 65c; 2 oz., \$1.25;  $\frac{1}{4}$  lb., \$2.00.

**Large Algiers**—Upright, large, a sure header; heads well protected by leaves in the event of frost; has no superior in quality as a late variety. Pkt., 5c; oz., 70c; 2 oz., \$1.25;  $\frac{1}{4}$  lb., \$2.25.

## CELERY

The seed germinates slowly, and should be started in rich, mellow, open beds, in rows, to avoid crowding the young plants, and more easily keep them free from weeds. When two or three inches high, transplant to furrows, and when eight to ten inches high, fill up the furrows, continuing at intervals to hill up till fully matured and blanched, taking care not to get earth between the stalks. The vigor and quality of the stock are improved by partially toppling when transplanting. Cultivate thoroughly, and keep well watered.

for its fine quality. Heart of bright golden color. Pkt., 5c; oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 45c; 1b., \$1.40.

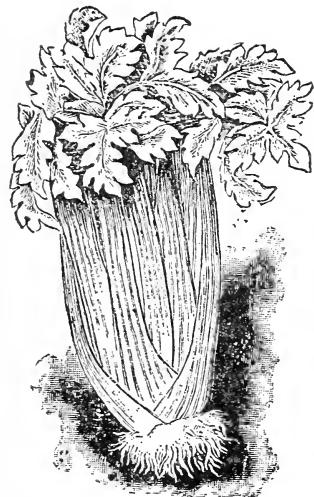
**White Plume**—A new variety; popular on account of its naturally white leaf stalks, which require less blanching than other kinds. Tie the tops together, and hill up the earth slightly. Its handsome, plume-like top is very ornamental on the table. It is quite early and a fine market sort. Pkt., 5c; oz., 20c; 2 oz., 30c;  $\frac{1}{4}$  lb., 50c; 1b., \$1.50.

**Dwarf White Solid**—Remarkable for its keeping qualities. A standard variety of good flavor, solid, and crisp. Being dwarf, it can be planted closer together than most other kinds. Pkt., 5c; oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1b., \$1.25.

**Celery Seed, for Flavoring**—Seed used for flavoring soups, stews, pickles, etc. 2 oz., 20c;  $\frac{1}{4}$  lb., 35c; 1b., 60c.

**Celeric, or Turnip-Rooted Celery**—A variety having turnip-shaped roots, which are used principally for seasoning meats and soups; also used for salads. Large, smooth Prague. Pkt., 5c; oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 45c; 1b., \$1.40.

## CHERVIL



A sweet, aromatic plant, used as a salad while young and tender, also as parsley for garnishing, seasoning soups, etc. Sow thinly early in spring in drills a half inch deep and one foot apart; as the plants grow, they may be thinned out, or transplanted, if desired.

**Curled**—The principal variety grown. Pkt., 5c; oz., 15c; 2 oz., 20c;  $\frac{1}{4}$  lb., 30c; 1b., \$1.90.

## CHICORY

Extensively used to adulterate coffee, and as a substitute for it. The culture is the same as for carrots. Dig at about the same time as carrots, wash, slice and dry by artificial heat. The blanched leaves are used by some for salad.

**Large Rooted or Coffee**—The best kind. Pkt., 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1b., 30c.

## COLLARDS

A species of cabbage, known also as Cole, or Colewort, grown throughout the South for greens. Sow in autumn, in rows a foot apart, and treat the same as cabbage.

**True Georgia or Southern**—The leading and best variety. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c.

## CORN, SWEET OR SUGAR

(When corn by the pound is wanted by mail or express, prepaid, remit 10c per lb. extra, to cover charges; 10, 25 and 100-lb. lots by freight, charges collect.)

Corn thrives best in warm, rich soil. The smaller varieties may be planted ten inches apart in drills made two and a half feet apart. The larger kinds should be planted

Plant Celery in February.

## CORN, SWEET OR SUGAR—Continued.

a foot apart in drills made three and a half feet apart, or may be planted in hills three and a half feet apart each way, allowing three or four stalks to remain in a hill; the latter is the usual way, though in drills the product is greater per acre. Success can only be secured by thorough cultivation.

**PEEP O' DAY NEW SWEET CORN**—Ten days earlier than any other; sweet, early, productive. You will not be disappointed in this New Sweet Corn. Recently introduced. Has pleased everyone who has tried it. For flavor, sweetness and productivity it is sauced of any other early white sweet corn. It will prove a money maker for the market gardener, and a valuable addition to our list of corn for our short western summers.

Pkt., 10c; lb., 15c; 10 lbs., \$1.25.

**GOLDEN BANTAM**—Is one of the earliest and hardiest sort in the market, can be planted earlier than any other sort and being of dwarf habit, can be planted closer. The color is a rich creamy yellow and has a fine nutty flavor.

Pkt., 10c; lb., 15c; 10 lbs., \$1.25.

**Mammoth White Cory**—A large and excellent early sort. Each stalk produces two or more handsome, twelve-rowed ears of large, white grain, of a quality superior to most early sorts. Pkt., 10c; lb., 15c; 10 to 25 lbs., 10c per lb.

**Early Minnesota**—One of the earliest kinds of sweet corn. The ears are of the best quality; it is very productive. A popular early variety. Pkt., 10c; lb., 15c; 10 to 25 lbs., 10c per lb.

**Stowell's Evergreen**—Remarkable for remaining a long time in a fresh condition, suitable for the table. Hardy and productive, tender and sugary, and the best late variety for general use. Pkt., 10c; lb., 15c; 10 to 25 lbs., 10c per lb.

**Early Evergreen**—An improvement on Stowell's; similar in appearance and general character, but a week or ten days earlier, and remaining fit for use somewhat later than that well-known sort; equal to Stowell's in all other respects. Pkt., 10c; lb., 15c; 10 to 25 lbs., 10c per lb.

**Black Mexican**—One of the sweetest and best for the table. It is remarkably productive and well suited to a warm climate. It is white and beautiful when in condition for cooking, but the kernels are bluish-black when ripe. Said to be less subject to the attacks of worms than other sweet kinds. Pkt., 10c; lb., 15c; 10 to 25 lbs., 10c per lb.

**Country Gentleman**—A large eared, late variety of sweet corn, of delicious quality. Pkt., 10c; lb., 15c; 10 to 25 lbs., 10c per lb.

## FIELD CORN

Corn is 10c a pound extra if sent by mail or express prepaid.

**Early Red Blazed, or King Phillip**—An early, hardy variety, enduring considerable cold. Stalks of medium height, having few suckers. The ears are long, eight rowed, and well filled. Kernels bright yellow at the base, shading into red at the tips.

**Early Canada, or Yellow Flint**—A rapid growing early yellow kind, and on this account much used for replanting. Superior where the seasons are short. Pkt., 10c; lb., 10c; 10 to 25 lbs., 8c per lb.

**Early White Flint**—A variety much used for making hominy. Productive early, and of beautiful appearance. Per lb., 10c; 10 to 25 lbs., 8c per lb.

**Improved Leaming—Yellow Dent**—Ears nine to twelve inches long, eighteen to twenty rows; grains long and wedge shaped, indented at the outer end. Color rich yellow; small red cob. For general crop unsurpassed. Per lb., 10c; 10 to 25c., 8c per lb.

**Pride of the North, Yellow Dent**—A very early Dent variety, thriving where there are cold, short summers. Ears and kernels handsome yellow. Per lb., 10c; 10 to 25 lbs., 8c per lb.

**Champion White Pearl**—A large, white late Dent variety, pearly white kernels. Per lb., 10c; 10 to 25 lbs., 8c per lb.

## CORN, BROOM

Requires similar soil and culture to corn, but, to obtain the best quality of brush, the land should be rich, and well and deeply cultivated. Usually planted in drills three and a half feet apart, and thinned to four to six inches apart in the row.

**Improved Evergreen**—An improvement on the common Evergreen. The result of many years' careful selection. Does not grow as tall as the old variety. The brush is fine, and of a light green tint. Pkt., 5c; lb., 15c; 10 to 25 lbs., 9c per lb.

## CRESS

The leaves, when young, have a warm, pungent taste, and are used as salad, either alone or mixed with other salad plants. The seed germinates quickly, and the plants grow rapidly. As they are milder and more tender when young, the seed should be sown at intervals of ten to fifteen days, making the first sowing as soon as the ground can be prepared. May be cut several times.

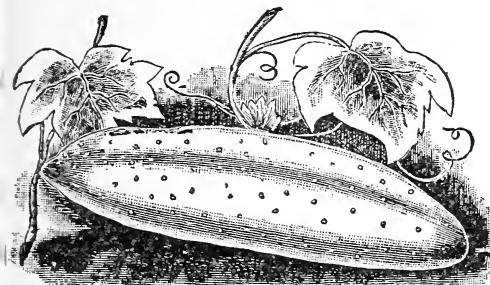
**Curled or Pepper Grass**—The best garden variety. Pkt., 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

## CRESS, WATER

A delicate, pungent salad plant, very agreeable alone or mixed with other salads. Entirely distinct from common cress, thriving only where its roots are submerged. Sow the seeds thinly along the banks of any shallow stream, early in spring. It will increase rapidly, if the conditions are favorable, and reappear every spring, with no further attention, being a hardy aquatic plant. Pkt., 10c; oz., 35c; 2 oz., 60c;  $\frac{1}{4}$  lb., \$1.00.

## CUCUMBER

Cucumbers need a warm, sandy soil, and should not be planted in open ground until the weather is settled and warm, as they will not thrive until the ground is thoroughly warmed. Plant in hills four feet apart each way, thinning to three or four of the strongest plants, after danger from insects is passed. Sprinkle the young plants with fine ashes, plaster, or air-slaked lime, to protect them from bugs.



**Extra Long, or Evergreen White Spine**—Has the characteristic White Spine qualities, but is longer than some other varieties, with smoother skin. A favorite early sort for forcing. The vine is a strong grower, and bears a fine crop of crisp, white-fleshed fruit. **Pkt., 5c; oz., 20c; 2 oz., 30c; ¼ lb., 35c; lb., \$1.00.**

**Early Short Green, or Early Frame**—A vigorous and productive variety, producing fruit of medium size and regular form;

flesh crisp and tender; excellent for the table, or for pickling, while small. **Pkt., 5c; oz., 20c; 2 oz., 30c; ¼ lb., 40c; lb., \$1.00.**

**Davis Perfect**—The best forcing cucumber in the market. It is dark, glossy green, of slim and symmetrical shape, growing about 10 to 12 inches long. It is a fine shipping cucumber and is not liable to disease. **Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; lb., \$2.00.**

**Cool and Crisp**—Related to White Spine, but longer and more pointed at the ends. Especially tender and crisp, and a favorite for the table. **Pkt., 5c; oz., 25c; 2 oz., 30c; ¼ lb., 40c; lb., \$1.00.**

**Cumberland**—A new variety, combining the good points of its parents—Parisian Pickling and Early White Spine. Vine is strong and prolific of large and excellent fruit. **Pkt., 5c; oz., 25c; 2 oz., 35c; ¼ lb., 60c; lb., \$2.00.**

**Green Prolific or Boston Pickling**—A prolific bearer, fruit of medium size, rather pointed at the ends, bright green, and of good quality, especially for pickling. **Pkt., 5c; oz., 20c; 2 oz., 30c; ¼ lb., 35c; lb., \$1.00.**

**Early Cluster**—A productive early kind. The fruit, which is not large, is borne in clusters and is crisp and of good flavor. **Pkt., 5c; oz., 20c; 2 oz., 30c; ¼ lb., 35c; lb., \$1.00.**

**Extra Long Green**—Another good variety, tender and crisp; green, long and slim. **Pkt., 5c; oz., 20c; 2 oz., 30c; ¼ lb., 35c; lb., \$1.00.**

**Japanese Climbing**—A sort of pole cucumber, its name being due to its origin and its tendency to climb and bear its fruit up from the ground, if afforded support; fruit large and thick. **Pkt., 5c.**

## EGG PLANT

The egg plant, though not universally grown, is fast winning its way to more general use, and, properly served, is a most excellent dish. It will grow in any good garden soil, but the best results are obtained in a deep, rich, warm loam. The seed germinates slowly, and should be started in a hotbed, or well-protected warm place, kept very moist. Do not transplant till the weather is settled and the ground

thoroughly warm. It thrives with the same treatment as that given the tomato.

**Early Long Purple**—Fruit rather long, usually largest at the blossom end; a hardy kind, productive, and a good quality. **Pkt., 5c; oz., 25c; 2 oz., 35c; ¼ lb., 55c; lb., \$1.75.**

**Large New York Improved Purple**—Similar in form to Early Round Purple, but a little later. Fruit large, of good quality, and produced abundantly. **Pkt., 5c; oz., 35c; 2 oz., 60c; ¼ lb., 90c; lb., \$3.00.**

## ENDIVE

The Garden Endive is much cultivated in Europe for winter salad. It is bitter until properly blanched, when it makes a fine salad, and is also used for greens. Sow at any time during spring, or later for winter use, in drills a foot apart. Thin from ten to twelve inches apart. Keep the ground clear of weeds until the plant has attained its full size, when it is blanched by gathering the leaves and tying them by the tips in conical form. The light and air which are thus excluded from the inner leaves,

which will be blanched in two or three weeks.

**Green Curled**—The hardest variety; dark green, beautifully curled leaves, crisp and tender. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.25.**

**Broad-Leaved Batavian Scia-Rolle**—Has broad, thick leaves, which form a large, loose head. Fine for soups and stews. If blanched, by tying the outer leaves together, it makes an excellent table salad. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.25.**

## KALE OR BORECOLE

**Kale, or Borecole,** is a kind of cabbage that does not form a close and solid head, but a cluster of beautifully curled or wrinkled leaves, that are tender and of excellent flavor. It requires the same treatment as cabbage, and is very hardy, being improved by frost.

**Cow, or Thousand Headed Kale**—Recommended by agricultural colleges, granges and dairymen who have tested it as one of the most valuable forage plants for this Coast. It grows rapidly and produces a mass of thick, curly green leaves, rich and succulent, which are eagerly eaten by sheep, cattle and horses. Especially recommended for green feed during the dry summer months. Sow in drills two or three feet apart, 4 pounds to the acre and thin out as needed. Makes the most rapid growth if sown in the early spring, but can be sown in summer and fall for winter

feed. Will stand light freezing. Stalks can be cut off, or the larger lower leaves broken off, leaving the tops to grow. **Pkt., 5c; oz., 10c; 1/4 lb., 25c; postpaid, 60c.**

**Tall Green Curled Scotch**—Produces an abundance of dark green, curled leaves. Very hardy. The leading variety. **Pkt., 5c; oz., 15c; 2 oz., 20c; 1/4 lb., 30c; lb., \$1.00.**

**Dwarf Green Curled or German Greens**—A dwarf variety, finer and more compact than the Scotch. Can be sown in the fall, for use early in the spring. **Pkt., 5c; oz., 15c; 2 oz., 20c; 1/4 lb., 30c; lb., \$1.00.**

**Dwarf German Purple**—A variety much prized by the Germans, except that it has a deep purple tint. Very handsomely curled and of good quality. Also hardy, and can remain in the garden all winter. **Pkt., 5c; oz., 15c; 2 oz., 20c; 1/4 lb., 30c; lb., \$1.00.**

## KOHLRABI

Kohlrabi is a vegetable partaking somewhat of the nature and flavor of both the cabbage and turnip. The stem, just above the ground, swells into a bulb resembling a turnip, which is the edible part. It should be cut for the table before it is fully grown, as it becomes tough and stringy if allowed to grow too long. Sow as soon as the ground can be prepared, in drills, the same as turnips. Thin to six inches in the row, or transplant like cabbage.

**Early White Vienna**—Best table sort; pure white, medium-sized bulbs. **Pkt., 5c; oz., 25c; 2 oz., 35c; 1/4 lb., 60c; lb., \$2.00.**

## LEEK

The leek belongs to the onion family, and on account of being milder and less pronounced in flavor, is preferred by many for soups and stews. It is very hardy, and may be sown as soon as the ground can be prepared, in drills fifteen inches apart, covering one inch deep.

**Large Rouen, or American Flag**—A large, strong-growing variety, of good quality, and hardy. The leading market kind. **Pkt., 5c; oz., 15c; 2 oz., 25c; 1/4 lb., 40c; lb., \$1.25.**

**Monstrous Carenton**—Rather larger than the Flag, and very tender and mild, on account of its rapid growth. **Pkt., 5c; oz., 20c; 2 oz., 30c; 1/4 lb., 50c; lb., \$1.50.**

## LETTUCE

Lettuce will thrive in any good garden soil, and requires so little care that all who have the ground at their disposal should raise enough for their own use, and especially as the quality depends almost entirely on its crisp freshness. When severe frosts prevail, it may be sown under cover in fall, and transplanted, and in milder localities as soon as the soil can be thoroughly prepared, in open ground, in drills fifteen inches apart. Thin out by using the larger plants as soon as of sufficient size, and so continue until the crop is exhausted. Keep the ground moist and loose, and the bed free from weeds.

**Early Tennis Ball, Seed Black**—The plant is small, of rapid growth and should be used as soon as large enough, as it quickly runs to seed. Solid head, leaves dark green, thick and crisp. One of the best for growing under cover and for forcing. **Pkt., 5c; oz., 15c; 2 oz., 20c; 1/4 lb., 30c; lb., \$1.00.**

**Black Seeded Simpson's**—An excellent variety, and not as generally grown as its merits justify. It has all the good quality of Simpson's Early Curled, which it resembles, but is larger, lighter colored, and the leaves are less curled. It is one of the tenderest and sweetest, and remains so longer than most other kinds. **Pkt., 5c; oz., 10c; 2 oz., 15c; 1/4 lb., 25c; lb., \$1.00.**

**Early Prize Head, Seed White**—An early variety, not strictly forming a head, but a dense cluster of beautifully bronzed leaves, that are remarkably tender and sweet. Slow to run to seed, remaining long in condition for the table. Too delicate and tender for



market gardening, but for family use, where it can be taken from the garden and immediately prepared for the table, it has no superior. **Pkt., 5c; oz., 10c; 2 oz., 15c; 1/4 lb., 30c; lb., \$1.00.**

**Big Boston Seed White**—A splendid winter variety in the South, and a large header; in the North a favorite forcing sort; leaves broad, smooth and tender. Its all-around excellence makes it a popular market variety. **Pkt., 5c; oz., 10c; 2 oz., 20c; 1/4 lb., 30c; lb., \$1.00.**

Plant Kohlrabi, Kale and Leek in March.

## LETTUCE—Continued.

**Simpson's Early Curled, Seed White**—A leading market variety, used for very early planting and forcing. Forms a dense mass of finely curled and wrinkled leaves that are excellent and tender, and do not wilt readily. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 30c; lb., \$1.00.**

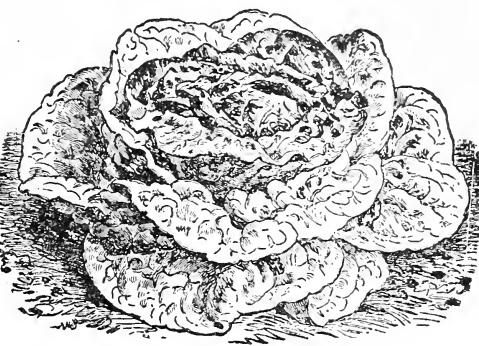
**San Francisco Market, Black Seed**—Large solid heads, bearing transportation well. Color beautiful medium light green; opens very white; tender and sweet. Undoubtedly a desirable acquisition as a market or family variety. **Pkt., 5c; oz., 15c; 2 oz., 20c; ¼ lb., 30c; lb., \$1.00.**

**Large Hanson, Seed White**—This variety forms the most perfect heads of any. They are small, creamy white inside, and very tender, but should be used young, as they are liable to become bitter with age, or when they mature slowly. An excellent market kind, longer in running to seed than any other. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 30c; lb., \$1.00.**

**Large Drumhead, Seed White**—A leading market variety, and one of the largest heading kinds, but the heads are not as solid as the Hanson or Deacon. It is slow running to seed, white, crisp and tender. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 30c; lb., \$1.00.**

**Denver Market, Seed White**—The chief characteristic of this sort is that it has a beautifully curled savoy-like leaf, which gives it a very attractive appearance. It is also a Drumhead variety of very excellent quality, and extremely early. Sure to enjoy great popularity. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 30c; lb., \$1.00.**

**Grand Rapids, Seed Black**—A large, attractive variety that matures early, a favorite with market gardeners for keeping in good condition longer after being cut than other sorts. Fine for greenhouse forcing. **Pkt., 5c; oz., 15c; 2 oz., 20c; ¼ lb., 30c; lb., \$1.00.**



**White Paris Cos, or Romaine, Seed White**—A distinct variety, forming oblong, upright heads, largest near the top. It is hardy, tender and crisp, and does not run to seed as quickly as some other Cos varieties, of which it is generally considered the best. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 30c; lb., \$1.00.**

## MELON, MUSK

The melon is so universally grown, and so justly popular, that it requires but little description. Of semi-tropical habit, it comes to its full state of perfection in the rich, sandy loams and warm valleys of the Pacific Slope and Southern States. Under the above head all the green and yellow-fleshed Cantaloupes and Nutmeg Melons are classed.



## Green-Fleshed Kinds

**Early Jenny Lind**—A small, very early variety, flattened at the ends, medium to small size. The flesh is very sweet and juicy. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 80c.**

**Small Green Nutmeg**—A variety resembling the Jenny Lind, and ripening nearly as early. The flesh is fine and very sweet. Superior for the early market or family garden, and a favorite for hotels and restaurants. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 80c.**

**Extra Early Hackensack**—A variation from the last preceding, much favored by some; coarser netting and deeper ribs. Green flesh, sweet and juicy. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 80c.**

**Early Baltimore, or Acme**—A good-sized oval-round, very desirable variety. The flesh is thick, highly flavored and sweet. Popular in the markets of the Eastern and Southern cities. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 80c.**

**Large Netted Cantaloupe**—A rather large variety, medium early, of excellent quality, desirable either for the family or market garden. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 80c.**

**Kleckley's Sweets, or Monte Christo**—A strong-growing and prolific variety; medium size; skin mottled, in dark and light green stripes; flesh red, tender, and sweet. Not firm enough for shipping long distances. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 65c.**

**Dark Icing, or Ice Rind**—A distinct variety, resembling in size and shape the Peerless or Ice-Cream, but is lighter in color, and faintly mottled. The rind is not thick, but rather firm. The flesh is remarkably juicy, sweet, and delicious. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 65c.**

**Light Icing, or Jordan's Gray Monarch**—A very large variety; light green in color; flesh light red, tender, and sweet. Con-

**MELON, MUSK—Continued.**

sidered by many the best melon grown.  
**Pkt.**, 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c;  
 lb., 65c.

**Cuban Queen**—The largest variety known, having attained a weight of one hundred pounds in California. Oval round, dark and light green mottled stripes of pronounced shade; vines not large, but vigorous; flesh deep scarlet and firm, ripening well to the core. A good shipped for so large a melon.

**Pkt.**, 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c;  
 lb., 65c.

**Black Spanish**—A round melon of medium size; rind very dark green, thin, but firm; seeds black. The flesh is deep scarlet, firm, with no hard center, and is remarkably sweet and delicious. One of the best for the family garden; also much used for marketing. **Pkt.**, 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; lb., 65c.

**MUSHROOMS**

The mushroom is an edible fungus that does not produce seed, but is propagated from the white fibers, resembling roots, that spread from the base of the stool termed spawn. It is grown in out-buildings, cellars, caves, or wherever a uniform temperature of 60 degrees to 70 degrees can be maintained. Make beds of fermenting manure, which should be large and deep enough to acquire a heat of about 70 degrees. When at the proper temperature, insert bits of spawn at intervals. As soon

as signs of growth appear, place two inches of soil over them, and cover all with straw. Water is used, if necessary, which should be warmed to the temperature of the bed. Mushrooms appear in six or eight weeks and should be collected when at the proper size for the table. More complete directions are contained in each box.

French Mushroom Spawn is supplied in boxes and English in bricks.

**English**—1-lb. bricks, each, 35c prepaid.

**MUSTARD**

A hardy pungent plant, highly esteemed by many as an appetizing salad, for which purpose it should be cut when two or three inches high. It is also used, when larger, as greens. The seed has an extensive sale, and is used in its natural state and prepared. It should be sown in rich or mellow soil, as early as the ground can be well prepared, in drills fifteen inches apart.

**Southern Giant Curled**—Highly esteemed

in the South, where it is shown in the fall, and produces enormous bunches. Excellent for salad, and very generally used for greens, for which it is largely cultivated. **Pkt.**, 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 80c.

**Yellow California, or White English**—Leaves mild, tender when young, and generally preferred for salad. The seed, which is light yellow, is largely used with pickles and in salads. **Pkt.**, 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**NASTURTIUM**

(*Tropaeolum Majus*.)

The Nasturtium is very popular as an ornamental plant, and also for the table. The leaves when young are used as salad, and also in connection with the flowers for garnishing, and the seeds for capers and pickles, for which purpose they should be gathered while green and tender. It is hardy, and may be planted as soon as the ground can be prepared, beside a fence,

trellis, or other convenient support, where it will grow rapidly and climb high.

**Tall Mixed Garden**—Mostly used, as they produce the largest seeds. They have also very handsome foliage and beautiful flowers. For Lobbianums and fine Dwarf varieties, see Flower List. **Pkt.**, 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 80c.

**OKRA OR GUMBO**

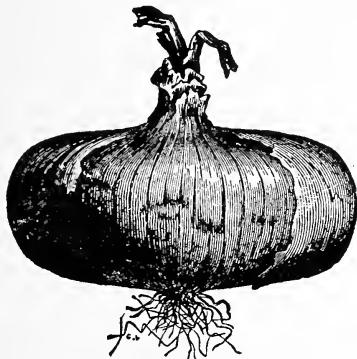
Extensively grown in the Southern States and California, where it may always be seen in the markets, either green or dried. Its peculiarly ribbed seed pods are much used in soups, and may be stewed and served as asparagus.

**Dwarf**—Best for general crop. The plant is dwarf, but the pods are as long as the larger-growing kinds, and are produced much more abundantly. **Pkt.**, 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Plant Our Mushrooms.**

## ONIONS

Onions can be successfully grown on almost any soil that will produce a full crop of corn; land that has been cultivated with hoed crops and kept free from weeds and well manured for two years previous is very much preferred. Manure evenly at the rate of about fifty cartloads to the acre; the manure must be thoroughly mixed with the soil and all well pulverized. Sow, as soon as the ground can be prepared, about one-half inch deep, and keep perfectly free from weeds.



**Extra Early Large Red Globe**—A large, early, rapid-growing kind. Skin deep purplish red; flesh white, mild and unusually sweet. Best for early use, as it does not keep long. If the old ripe onions of this variety are set out in the spring, the old onion will run up to seed and the bottom disappear; but one or more new onions will grow from it, and quite a crop can be produced in this way, with very little trouble. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.00.**

**Extra Early Red Flat**—Deep red in color; resembles the Red Wetherfield, except that it is much earlier and somewhat smaller; desirable for early market. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.00.**

**Large Red Wethersfield**—A standard variety, one of the most productive kinds, even on poor soil. Its good keeping qualities render it one of the best for shipping. Large, slightly flattened, deep purplish red. Flesh coarser and stronger than the Early Red Globe, but rich and nutritious. **Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; lb., \$1.50.**

**Giant White Italian Tripoli**—Resembles somewhat the American White Portugal, but is much larger. It is flat, pure white, mild, and of good flavor. **Pkt., 5c; oz., 25c; 2 oz., 45c; ¼ lb., 80c; lb., \$3.00.**

**Australian Brown**—Beautiful yellowish brown in color, slightly globular in shape, of good size, and mild flavor. Decidedly the hardest, most solid, and longest-keeping onion yet offered to the public. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.90.**

**Yellow Globe Danvers**—A uniformly globe-shaped, handsome variety; bright color; long keeper and heavy yielder. **Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; lb., \$1.50.**

**Yellow Danvers**—The leading large yellow kind, round, slightly flattened flesh fine grained, rather mild, very rich and sweet. One of the best keepers, and one of the most productive kinds. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.00.**

**Spanish King, or Prize Taker**—An immense light golden-yellow onion, originating in Spain; recently sprung into great popularity; very attractive. **Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 70c; lb., \$2.00.**

**White Portugal, or American Silver Skin**—A large, flat, Silver-white onion, mild in flavor, and very handsome. A great favorite for use when young as salad and for pickles. It is a good keeper, and fine for fall and early winter use. **Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., \$2.00.**

**White Globe**—A handsome, white globe-shaped variety; flesh fine, very white, rich and sweet. It is also one of the best keepers of the silver-skinned kinds. **Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., \$2.00.**

**Mammoth Silver King**—An immense white onion of mild flavor, very thick through, but inclined to be flat rather than globe-shaped. **Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., \$2.00.**

**El Paso, or Large Mexican**—One of the largest onions grown, frequently attaining a weight of three pounds or more. Color mostly white, but sometimes tinged with yellow and red. Flesh rather coarse, but of excellent flavor, mild, rich, and sweet. Very popular in Mexico, where it is the leading variety grown. **Pkt., 5c; oz., 25c; 2 oz., 45c; ¼ lb., 75c; lb., \$2.00.**

**Queen**—White, early, handsome, and a good keeper. If sown thick, produces small, very firm bulbs, the best of all for pickling; if given more room, matures an excellent onion that will keep all winter. **Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., \$2.00.**

**Early Berlotta**—Small white, said to be the earliest of all; quite similar to the Queen. **Pkt., 5c; oz., 25c; 2 oz., 40c. ¼ lb., 75c; lb., \$1.00.**

## ONION SETS

**Bottom Onion Sets**—Are grown from seed that has been sown too thick to attain a large size. The small onions thus obtained are planted out, and are ready in a short time to pull as green onions for the table or bunched for the market. If left to stand, they make ripe onions of the best quality and come to maturity some six weeks earlier than a crop grown direct from the seed. Yellow sets are most in demand, but Red and White are used to some extent. Sow forty to sixty pounds of black seed to the acre to raise sets. **Yellow, 1b., 30c; 100 lbs., \$12, by freight charges collect.**

**PARSLEY**

Parsley is very generally used for garnishing, and seasoning soups and stews. It can be used fresh from the garden, or dried and rubbed into a fine powder when it can be bottled for winter use. It becomes finer and more beautifully curled if cut frequently. As the seed germinates slowly, it should be soaked a few hours in warm water, and sown in drills a foot apart and half an inch deep, as early in spring as possible. Thin to three or four inches apart. Thrives best in deep, rich soil.

**Moss Curled or Fern Leaved**—A beautiful fern or moss-like variety. The best for garnishing. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.00.**

**Fine Triple Curled**—Fine for seasoning; also good for table decoration. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$2.00.**

**PARSNIP**

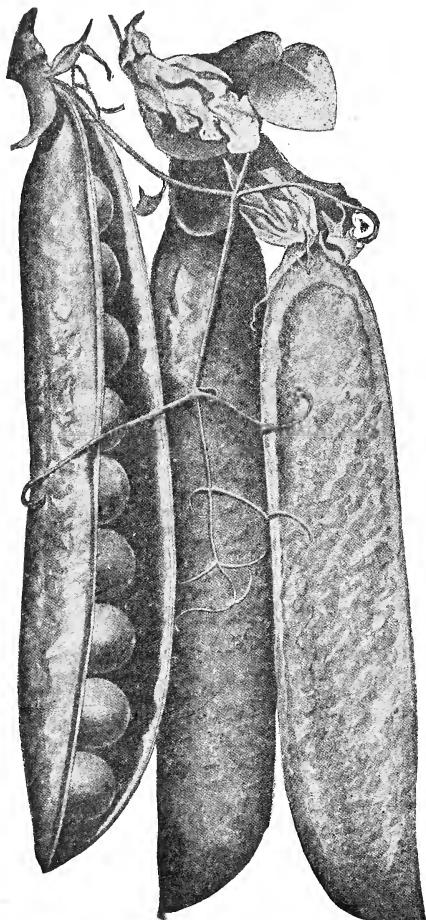
The Parsnip is nutritious and wholesome, with a sugary sweetness peculiar to itself, and is superior both for the table and for stock feeding. It yields a large crop, and is said to be more valuable for dairy cows than either the carrot or turnip. As the seed germinates very slowly, sow as early in spring as possible, in drills fifteen inches apart, on deeply-cultivated, rich, loamy soil. Keep clear of weeds and thin to three or four inches apart. The roots are improved by freezing.

**Long Dutch Sugar**—A fine-flavored standard variety. Long, large roots. Sweet and sugary. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.00.**

**Hollow Crown**—Fine, smooth roots. The best for general use. Productive and excellent. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.00.**

**PEAS**

NOTE.—We offer two new varieties.



(When Peas by the pound are wanted by mail or express, prepaid, remit 10 cents per pound extra for charges; 10, 25 and 100-lb. lots by freight, charges collect.)

While almost any soil will produce good Peas, yet, like most other vegetables, they respond to liberal treatment and careful cultivation. Well-rotted stable manure and bone dust make excellent fertilizers for this crop. Deep plowing is of the greatest importance. For early peas, plant as soon as the ground can be worked, in light, well-drained soil and a sunny exposure. For the main crop a heavier soil may be selected. They are usually planted in double rows, about four feet apart and three inches deep. Bush those that require it, when six inches high. The field crop may be sowed broadcast.

Our garden peas have been grown from selected seeds, are true to name, have been carefully hand picked, and are fit for gardeners' use at once. We ask our customers not to confound them with the common peas usually found in the market at a low price, which are only fit for field use or for feeding stock. Our list includes the best kinds, and is sufficiently varied to meet the want of all.

**Extra Early Peas**

**First and Best**—Unsurpassed for early and even ripening. One of the very best for market gardeners, as the whole crop ripens within a few days, so that the ground may be cleared and another crop planted. About forty-five days is the average from planting until the whole crop is ready for market. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½c lb.**

**Alaska or Earliest of All**—Earliest and best of all the blue, smooth varieties, coming into pod as soon as the Extra Early. Height, two to two and a half feet. **Pkt., 10c; lb., 15c; 10 to 25 lbs., 12½ per lb.**

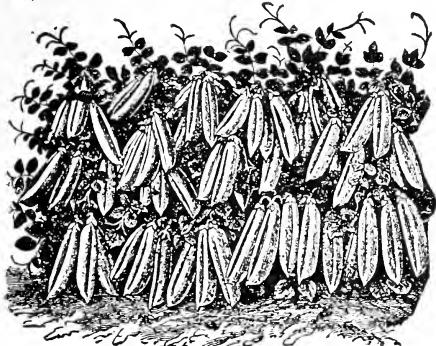
**American Wonder**—One of the earliest sweet wrinkled kinds in cultivation; constantly coming into more general use. It is a wonderfully productive dwarf variety, the pods being large and well filled. The pea is rather above the average in size, and very

**Plant Peas in the Fall and Spring.**

## PEAS—Continued.

sweet and delicious. Height, nine inches. Pkt., 10c; lb., 15c; larger quantities, write for price.

**Premium Gem**—One of the earliest dwarf, green, wrinkled varieties. Prolific and of fine quality. Similar to the Little Gem. Pkt., 10c; lb., 15c.



**Dwarf Telephone**—Very similar to the large or tall Telephone, growing about 1½ feet tall and quite early. A favorite sort with our market gardeners. Pkt., 10c; lb., 15c.

**Gradus**—This valuable creation fills a place not heretofore occupied by any kind of peas, especially for the home garden. It is extra early, producing immense pods that are filled with large, sweet, wrinkled, dark green peas of finest quality. Every family and gardener should try it. Pkt., 10c; lb., 15c; 10 lbs., \$1.35.

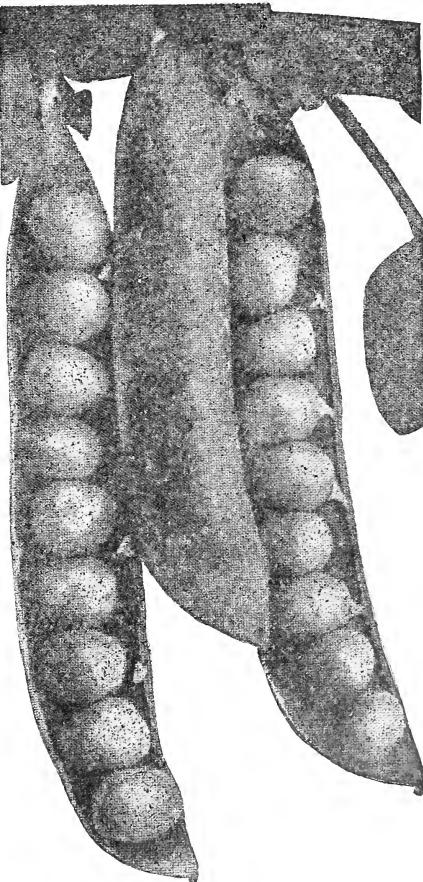


**Telephone**—This variety has now come into general use, and is acknowledged to be of great merit. Peas large, wrinkled, very sweet; pods enormous and well filled. Height four feet; medium late. Pkt., 10c; lb., 15c; 10 lbs., \$1.25.

**Nott's Excelsior**—One of the best Extra Early sweet wrinkled kinds. Resembles the American Wonder, but the plants are larger and more vigorous; quite distinct from that of the Premium Gem. Pkt., 10c; lb., 15c; larger quantities, write for price.

**McLean's Little Gem**—A sweet wrinkled pea, coming in a little later than the American Wonder; grows taller, and continues in bearing longer. The quality of the pea is very superior. Height, fifteen inches. Pkt., 10c; lb., 15c.

**Sandahl's Special**—One of the largest sweet wrinkled kinds; vines strong and spreading, pods of good size and well filled; much in use, and has enjoyed a long popularity; medium late; bears a long time; height two and a half feet. Pkt., 10c; lb., 15c.

**Sandahl's Peas.**

**Stratagem**—A sweet, wrinkled variety, introduced from England. Vines not large, but of vigorous growth, producing a heavy crop; beautiful, long pods, well filled with large peas of good quality; two feet. Pkt., 10c; lb., 15c.

**Plant Sandahl's Peas.**

## PEAS—Continued.

**Champion of England**—The leading late sweet, wrinkled pea. Vines large, luxuriant, and very prolific. For either family use or the market garden, it has no superior; five feet. **Pkt., 10c; lb., 15c.**

**Large White Marrowfat**—A leading kind for the main crop; of vigorous growth; pods long, and well filled with large, smooth peas, that are of a creamy color, and very handsome when ripe; four feet. **Pkt., 10c; lb., 15c.**

**Black-Eyed Marrowfat**—Similar to the White Marrowfat, but the vine is smaller, and the pea has a black eye. Yields heavily; three feet. **Pkt., 10c; lb., 15c.**

**Tall Sugar, Brown or White Seeded**—A variety of pea of which the pod has not the tough lining common to other varieties, therefore pods can be cooked and eaten same as string beans. This variety grows about four feet high; pods large, tender, sweet and succulent. **Pkt., 10c; lb., 20c.**

## PEPPER

Sow the seeds early in hotbeds, or later, when the weather becomes warm, in open beds; when two or three inches high, transplant to a warm, mellow soil, in rows eighteen inches apart and a foot apart in the row. Guano and hen manure are excellent fertilizers, and will greatly increase the yield.

**Large Bell or Bull Nose**—A large, mild thick-fleshed variety. One of the best for stuffed pickles. **Pkt., 5c; oz., 20c; 2 oz., 35c; 1/4 lb., 60c; lb., \$2.00.**

**Sweet Spanish or Mountain**—Similar to the Large Bell, but usually larger. Excellent for pickling and stuffing. **Pkt., 5c; oz., 20c; 2 oz., 35c; 1/4 lb., 60c; lb., \$2.00.**

**Chili**—Produce small, pointed pods that are a brilliant scarlet, and very pungent when ripe. Used largely in the manufac-

ture of pepper sauce. **Pkt., 5c; oz., 25c; 2 oz., 45c; 1/4 lb., 80c; lb., \$2.50.**

**Red Cherry**—The pods are small round, glossy scarlet, and very handsome when ripe. Excellent for mixing with pickles. **Pkt., 5c; oz., 20c; 2 oz., 35c; 1/4 lb., 60c; lb., 2.00.**

**Long Large Red**—This kind is planted to produce the article known as "Dried Chili," constantly found in the California and Mexican markets. It is large at the stem, tapering to a point at the tip, measuring three or five inches in length. Seeds and pods very pungent. Esteemed for seasoning various dishes. **Pkt., 5c; oz., 20c; 2 oz., 35c; 1/4 lb., 60c; lb., \$2.00.**

**Long Red Cayenne**—Brilliant, coral-red pods, three or four inches long, and a prolific bearer. Very pungent, and used very largely with pickles when green. **Pkt., 5c; oz., 20c; 2 oz., 35c; 1/4 lb., 60c; lb., \$2.00.**

## PUMPKIN

Pumpkins, though sometimes used for cooking, do not compare favorably, as a table vegetable, with the finer varieties of squash, but are better adapted and more profitable for stock feeding. They do not require as rich soil as melons, and the hills should be farther apart; otherwise the treatment should be the same.

**Large Sweet Cheese**—Large, flat, dishing at the ends; flesh very thick, sweet, and nutritious. More nearly related to the squash than the Large Yellow. Fine for the table. **Pkt., 5c; oz., 10c; 2 oz., 15c; 1/4 lb., 20c; lb., 50c.**

**Mammoth**—The largest known, often weighing over one hundred pounds. Oval round, deep orange, slightly mottled; flesh not thick, but, on account of its enormous size, yields a very large amount of feed per acre. Also used for the table. **Pkt., 5c; oz., 15c; 2 oz., 20c; 1/4 lb., 30c; lb., \$1.00.**

**Large Yellow or Connecticut Field**—A large, round variety, sometimes depressed at the ends; rind of a deep, glossy yellow. Vines vigorous and very productive. If protected will keep well till midwinter. **Pkt., 5c; oz., 10c; 2 oz., 15c; 1/4 lb., 20c; lb., 45c.**

## RADISH

The radish is cultivated for its root, which should be eaten when young and tender, as in maturing, it becomes strong, tough, and pithy. It should be sown for early use as soon as the ground can be well prepared, and for succession, at intervals of two or three weeks throughout the season, in rich, loose, warm soil, as the quality depends largely on its rapid growth. Sow in rows a foot apart, and thin to two

inches in the row by using the largest ones as soon as of sufficient size for the table. Keep free from weeds and well watered. In the heat of summer select a cool, shady place.

**Early Long Scarlet**—The leading variety either for the family or market garden. From six to eight inches long, standing nearly half above ground; bright scarlet, smooth, crisp, tender and mild. **Pkt., 5c; oz., 10c; 2 oz., 15c; 1/4 lb., 20c; lb., 60c.**

Plant Pumpkin in April.

## RADISHES—Continued.



**Wood's Early Frame**—Shorter and thicker than the preceding; a good variety for forcing, and one of the best for first crop in the open garden. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 60c.

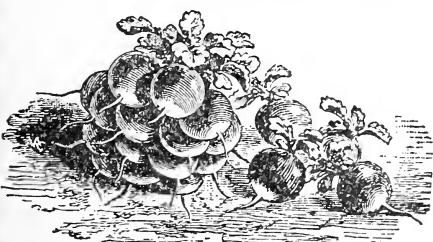
**Long, Brightest Scarlet White Tipped**—Something new in the way of a long radish, and proving itself very useful and worthy of general cultivation; color strikingly bright scarlet; tip white; general appearance very attractive. It is extra early and the flesh is very tender. Valuable for forcing or open ground. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 65c.

**Scarlet Charter, White Tipped**—Roots long, tapering rather abruptly, and attaining a very large size. Of rapid growth, it is soon ready for the table, remaining crisp and tender until full grown. Color scarlet above, shading into white at the tip. Flesh white and mild in flavor. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 60c.

**Early Olive-Shaped or Half Long Scarlet**—An excellent variety of rapid growth, skin thin, flesh rose tinted and very tender; two or three inches long, with slender tap root. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 60c.

**French Breakfast or Half Long Scarlet, White Tipped**—Medium size, of quick growth, crisp, and tender; terminates more abruptly than the Half Long Scarlet; lower end and taproot white. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 60c.

**Half Long Deep Scarlet**—A handsome variety, somewhat resembling the Olive shaped, but of a deeper scarlet, and having a smaller top. Flesh tender and of the best quality; good for forcing. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 65c.



**Early Scarlet Turnip, White Tipped**—Similar in shape and size to the Scarlet

Turnip Rooted, only that the under side of the bulb and taproot are white. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 65c.

**Early Scarlet, Turnip Rooted**—The leading turnip-shaped kind. Deep scarlet, small tap root; very crisp and tender. Of rapid growth, and, if sown with others, the first ready for the table. One of the best for forcing. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 60c.

**Non-Plus Ultra or Early Round Deep Scarlet Forcing**—A handsome early kind. Deep scarlet, smooth, and crisp; very showy when served with the White Turnip Rooted. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 65c.

**Early White Turnip Rooted**—The best white turnip-shaped variety; pure white, small top, mild and crisp. Ready for the table in six weeks after planting. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 65c.

**Long White Vienna or Lady Finger**—The best long, white radish grown; pure white, long, tender, and sweet; a favorite also for its beauty of form and rapid growth. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 65c.

**White Strasburg**—One of the best of the large summer sorts; it covers a long season, as it is good when quite small. The roots are long, very white, crisp and tender. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 25c; **1b.**, 70c.

**Round Black Spanish**—Roots round or top shaped, skin black; flesh very white, fine grained, and highly flavored. An excellent sort for winter, as the roots keep a long time. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 60c.

**Long Black Spanish, Fall or Winter**—Very hardy, and good for winter use. If stored in sand, will keep good all winter. The roots, which present a rusty black appearance, are large, firm, and not liable to become pithy. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 oz.**, 20c; **1b.**, 60c.

**Golden Globe or Golden Summer**—Its chief peculiarity is its russet skin; form round; flesh solid, white and pungent. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 20c; **1b.**, 65c.

**Scarlet China, Winter**—A half-long variety, largest near the taproot; skin bright scarlet; flesh firm and more pungent than most others. It is easily kept all winter. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 25c; **1b.**, 80c.

**Mammoth California or White China, Winter**—Extensively grown by the Chinese, who introduced it into California. It has now become popular among all classes. Very large and cylindrical, terminating abruptly, with little taproot; mild and tender, and keeps well all winter. The skin and flesh are of a transparent white. **Pkt.**, 5c; **oz.**, 10c; **2 oz.**, 15c; **1/4 lb.**, 25c; **1b.**, 80c.

## RAPE

**Dwarf Essex, for Sowing**—This plant is used for pasture, or for turning under as a green manure; valuable for sheep. Sow in drills at the rate of five pounds to the acre, or broadcast, ten pounds. **Pkt.**, 5c; **oz.**, 10c; **1b.**, 25c.

Plant Radish Every Two Weeks.

## RHUBARB OR PIE PLANT

Rhubarb is extensively raised near all large cities, and should be more generally grown, and it is ready for use before most kinds of fruit are in the market. Its culture is very simple, and it yields every spring an abundance of leaf stalks, which are delicious when made into pies, tarts, and sauce. Sow in drills eighteen inches apart, and thin the plants to six inches. In the fall, trench or subsoil a piece of ground, manure very heavily, and transplant the young roots into it, three feet apart each way. Give a heavy dressing of manure annually and cut off the seed stalks as they appear, to prevent the plants from exhausting themselves by running to seed. The seed cannot be relied on to produce the same variety. Pkt., 5c; oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

## SALSIFY OR VEGETABLE OYSTER

Salsify is a nutritious and wholesome vegetable, having the appearance of a small parsnip, in flavor closely resembling oysters, for which it is, in that respect, a good substitute. It is rapidly coming into more general use. Sow early in the spring in drills a foot apart, and, when two or three inches high, thin out to three or four inches. Its general culture is the same as that recommended for carrots. The roots are perfectly hardy, and may remain in the ground during winter, or may be stored in dry earth or sand.

**Mammoth Sandwich Island**—The leading variety; produces a large crop of straight, smooth roots. Pkt., 5c; oz., 15c; 2 oz., 20c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**Large White**—An early kind; tender and excellent. Pkt., 5c; oz., 15c; 2 oz., 20c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

## SPINACH

A wholesome, palatable, hardy vegetable, much used for greens. It is easily grown, and may be had during the entire season. It will grow on almost any soil, but is more tender and succulent when grown in soil heavily manured and well pulverized. For a summer crop, sow early, in drills a foot apart, and thin gradually to six inches apart. For early spring use, sow in the fall, and protect in cold climates with a covering of straw. It should be cut back, using only the young leaves; the old ones are tough and stringy.



**New Zealand (new)**—A favorite sort with eastern market gardeners. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Savoy Leaved**—A very early variety, of upright growth and pointed leaves, which are crinkled, like Savoy Cabbage. Grows quickly and seeds early. Plant in autumn for early spring use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c, lb., 40c.

**Round Summer**—An excellent variety for early spring sowing. The leaves are round, thick, and fleshy. Good for early market gardening. Pkt., 5c; oz.,  $\frac{1}{4}$  lb., 15c; lb., 40c.

**Improved Thick Leaved**—The leaves of this variety are unusually thick, fleshy and tender. It is also hardy, and may be sown as soon as the ground can be thoroughly prepared. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 40c.

**Victoria**—This variety produces the largest leaves of any, yielding an enormous crop. Excellent for the family or market garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 40c.

**Long Standing**—An improved variety, having thick leaves that remain tender longer than any other, and on this account one of the best for market gardeners. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 40c.

**Large Prickly Seeded**—The hardest kind and may be sown in the fall, only requiring protection during the most severe frosts. The seed is prickly, the leaves rather long and pointed, but thick and succulent. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 40c.

## SQUASH

Squashes are extensively grown, and embrace many distinct varieties. Their easy cultivation, enormous yield, and nutritious qualities render the larger kinds one of the best and most profitable crops for stock feeding. The summer varieties are ready

for the table early in the season, while the winter sorts can be kept until the early kinds are again in the market. All kinds thrive best in loose, rich soil, under the same treatment as that recommended for melons. The seed should not be planted

**Plant Spinach in September and February.**

## SQUASH—Continued.

until danger of frost is past and the ground is warm. Plant the summer varieties four feet apart each way, and the winter kinds, eight feet.

## Summer Varieties

**Early White Bush Scallop**—The leading early Bush Scallop variety; round, flat, with scalloped edges. The skin is white; the flesh is of excellent quality, and ready for use as soon as it is large enough. **Pkt., 5c;**

**oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c.**

**Mammoth White Bush Scallop**—An improvement on the preceding in point of size, being twelve to fifteen inches across; very productive, and uniform in growth. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c.**

**Summer Crookneck**—An early, prolific kind, having a solid, curved neck; the skin is yellow, thin, hard, and very warty; flesh tender and of good quality. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c.**

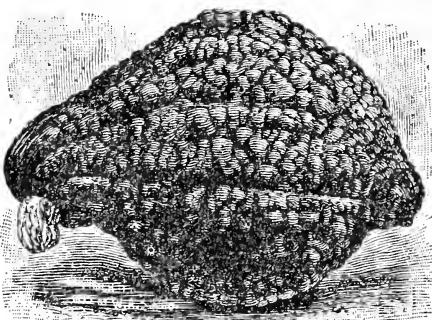
**Mammoth Summer Crookneck**—Twice the size of the ordinary Summer Crookneck, also earlier and more warty; a decided advance on the old kind. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c.**

**White Summer Crookneck**—A comparatively new but decidedly excellent summer variety. Similar to the Crooknecks, but ivory white in color; of good quality and flavor, and sure to become a favorite. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c.**

## Winter Varieties

**Boston or Vegetable Marrow**—A leading variety, ripening early in the fall, but keeping well through the winter; oval round, mottled dark and light yellow; flesh salmon colored, remarkable for its rich, sweet flavor. **Pkt., 5c; oz., 15c; 2 oz., 20c; ¼ lb., 30c; lb., 85c.**

**Mammoth Chili**—The largest variety grown, having attained a weight of over two hundred pounds. Round, flattened at the ends; rind deep orange; flesh dark yellow, thick, and very nutritious. Sometimes used for the table, but more desirable for stock feeding. It is a good keeper. **Pkt., 5c; oz., 15c; 2 oz., 20c; ¼ lb., 30c; lb., \$1.00.**



**Field Marrow**—A mixture of marrow varieties to be planted for feeding dairy cows and other stock. Yields a large crop. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 30c; 25 to 100 lbs., write for prices.**

**Hubbard**—One of the best and most popular kinds; rind bluish green, and very hard; flesh remarkably dry, either baked or boiled, and not surpassed in richness and sweetness by any. It is also easily kept all winter. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; lb., \$1.00.**

**Golden Hubbard**—Flesh deep orange, skin orange or red in color; of excellent grain and flavor. Vine vigorous and very productive, maturing its crop early; fruits six to eight pounds each, which are good keepers. Considered the best winter variety, and likely to become a favorite. **Pkt., 5c; oz., 15c; 2 oz., 20c; ¼ lb., 30c; lb., \$1.00.**

## SUGAR CANE OR SORGHUM

**Early Amber**—Early and of rapid growth, best for sugar and syrup, making a rich, amber-colored syrup, and granulating into sugar beautifully. **Lb., 20c.**

**Early Orange**—Of more vigorous growth and but little later than the Amber. It is good for sugar and syrup, and, on account of its unusually large yield, is the most profitable kind for stock feeding. **Lb., 20c.**

## TOBACCO

**Connecticut Seed Leaf**—Hardy and the best adapted to cool localities and for general use. **Pkt., 5c; oz., 25c; 2 oz., 35c; ¼ lb., 60c; lb., \$2.00.**

**Havana**—Of fine texture and delicate flavor. Celebrated for its value in the manufacture of fine cigars. **Pkt., 5c; oz., 40c; 2 oz., 70c; ¼ lb., \$1.25; lb., \$4.00.**

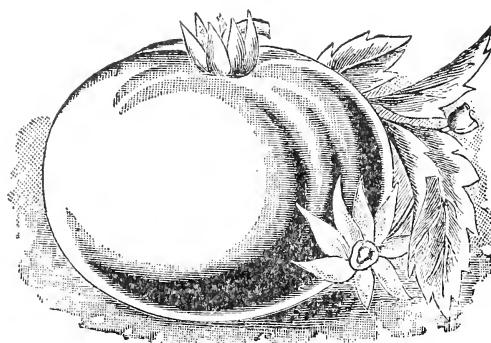
## TOMATO

Marked improvement has recently been made in the tomato. Its value as a table vegetable can hardly be overestimated. Its healthfulness during the heat of summer,

and especially for bilious temperaments, is well known, and a diet composed largely of tomatoes, both raw and cooked, is a powerful aid in warding off the effects of ma-

## TOMATOES—Continued.

laria. The first step toward success, after obtaining good seed, is to produce strong, healthy plants. For early crop sow as soon as desired in hotbeds. When two inches high, transplant in the beds to four or five inches apart each way, to give the plants room, and make them bushy, always keeping them well aired. If they crowd each other before time to transplant, root prunes by drawing a sharp knife deeply between the plants. When danger of frost is past, transplant to rich, loose soil, keeping well watered and cultivated. For later crop, sow in cold frames or open ground, and transplant when four to six inches high. If possible, support the vines. Thus treated, they will continue in bearing much longer, and the fruit will be greatly improved.



**Spark's Earliana**.—The earliest tall variety, forming ripe fruit much earlier than any other variety. The fruit is large, smooth, of a bright scarlet color, and of fine quality. Very valuable for early market use. **Pkt.**, 5c; **oz.**, 20c; **1/4 lb.**, 60c; **lb.**, \$2.00.

**Atlantic Prize, Extra Early**.—A distinctly early variety, of good size and smooth surface. Many of the objections to the usual early kinds, such as under size, deep corrugations, and rough skin, are overcome in the Atlantic Prize. **Pkt.**, 5c; **oz.**, 20c; **2 oz.**, 35c; **1/4 lb.**, 60c; **lb.**, \$2.00.

**Early Michigan**.—An extremely smooth, perfectly-shaped tomato; solid, and without core. Vines large and vigorous. A heavy cropper, and one of the earliest. **Pkt.**, 5c; **oz.**, 20c; **2 oz.**, 35c; **1/4 lb.**, 60c; **lb.**, \$2.00.

**Acme**.—Also early and popular. The fruit is smooth, handsome, solid and of good quality. A good bearer. Color dark purplish red. A superior, early market variety, and ripens evenly. **Pkt.**, 5c; **oz.**, 20c; **2 oz.**, 35c; **1/4 lb.**, 60c; **lb.**, \$2.00.

**Perfection**.—One of the best medium early kinds; round, uniformly smooth; vines very

productive; fruit deep scarlet, firm, and of excellent quality. Vines continue long in bearing. **Pkt.**, 5c; **oz.**, 20c; **2 oz.**, 35c; **1/4 lb.**, 60c; **lb.**, \$2.00.

**Favorite**.—One of the best for general crop; vines vigorous, continuing in bearing all the season; fruit very large; uniformly smooth, firm, without hard core; ripens medium early; holds its side well till frost. **5c.**; **oz.**, 20c; **2 oz.**, 35c; **1/4 lb.**, 60c; **lb.**, \$2.00.

**Trophy (Selected Stock)**.—We offer selected stock of this well-known, popular variety. It ripens just after the Perfection; vines vigorous, continuing in bearing till frost; fruit large, bright scarlet, firm, and of the best quality, either fresh for table use or for canning. **Pkt.**, 5c; **oz.**, 20c; **2 oz.**, 35c; **1/4 lb.**, 60c; **lb.**, \$2.00.

**Stone**.—A large tomato of good quality; round or apple shaped, and very uniform, deep red in color, and exceedingly heavy. **Pkt.**, 5c; **oz.**, 20c; **2 oz.**, 35c; **1/4 lb.**, 60c; **lb.**, \$2.00.

**Dwarf Aristocrat**.—Plant dwarf and compact; full medium size; rich, glossy red, smooth and solid. Fine for private gardens. **Pkt.**, 5c; **oz.**, 25c; **2 oz.**, 45c; **1/4 lb.**, 75c; **lb.**, \$2.50.

**Beauty**.—A distinct variety, uniformly large; color deep crimson, inclining to purple. The vines, which are vigorous, continue to bear large, handsome fruit till the close of the season. It has but few seeds, and its handsomely-grained flesh is of superior quality. It has few equals, either for the family or market garden. **Pkt.**, 5c; **oz.**, 20c; **2 oz.**, 35c; **1/4 lb.**, 60c; **lb.**, \$2.00.

**Dwarf Champion, or Tree Tomato**.—Vines erect and vigorous; fruit of medium size, round, smooth, of excellent quality, very fleshy; approaching purple in color. **Pkt.**, 5c; **oz.**, 25c; **2 oz.**, 40c; **1/4 lb.**, 75c; **lb.**, \$2.50.

**Optimus**.—A second early kind; uniform in size, color bright red; smooth and handsome. Our stock is the very best. **Pkt.**, 5c; **oz.**, 20c; **2 oz.**, 35c; **1/4 lb.**, 60c; **lb.**, \$2.00.

**Golden Queen**.—Very handsome when prepared for the table; flesh rich and of superior quality. **Pkt.**, 5c; **oz.**, 30c; **2 oz.**, 50c; **1/4 lb.**, 85c; **lb.**, \$3.00.

**Red Pear-Shaped, Yellow Plum, Red Cherry**.—Small, handsome tomatoes, resembling the different fruits named; used for pickles, preserved, and ornamentation. Seed sold separate or mixed. **Pkt.**, 5c; **oz.**, 30c; **2 oz.**, 50c; **1/4 lb.**, 85c; **lb.**, \$3.00.

**Husk Tomato, or Ground Cherry**.—A small, yellow sort, much used for preserving; also good eaten fresh from the vines. **Pkt.**, 5c; **oz.**, 30c; **2 oz.**, 50c; **1/4 lb.**, 85c; **lb.**, \$3.00.

## TURNIPS

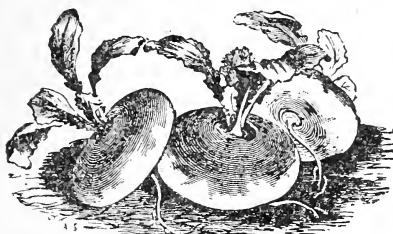
The turnip is a nutritious, wholesome vegetable of fine texture and delicate flavor and easily affected by soil and cultivation. White-fleshed varieties are apt to deteriorate in quality if overgrown or left in the

ground too long after maturing. The best results are obtained in rich, mellow soil, adding, if possible, a dressing of wood ashes. Rotted manure should be avoided, having a tendency to make turnips rough,

## TURNIPS—Continued.

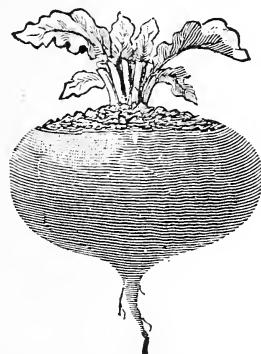
wormy, and strong. They are hardy, and may, in mild climates, be sown as soon after rain as the ground can be prepared, either broadcast or in drills twelve to eighteen inches apart and half an inch deep, thinning to six inches apart in the drill. The ruta baga, which is extensively grown for feeding stock during winter, is sown later, in rows two or three feet apart, and thinned to ten inches in the row. Both ruta bagas and turnips may be kept through the winter by storing in a cool, dry place, and covering with straw, or by burying in clean, dry sand. Our list includes the choicest varieties.

## White-Fleshed Kinds



**Extra Early White Milan**—This variety is ready for the table sooner after planting than any other yet introduced. Top small, erect, strap leaves; bulb a deep purple above, white underneath; flesh white, firm, and delicate. Remains tender and in condition for the table a long time. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c.**

**Extra Early Purple Top Milan**—Same as above, but pure white. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 30c.**



**Early White Flat Dutch, Strap Leaved**—A leading white-fleshed variety, and one of the best, either for the family, market garden, or field crop. It is of medium size, and produces a large crop. The flesh is firm and tender, and of a superior, rich,

buttery flavor. A good keeper. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 30c.**

**Early Purple Top Strap-leaved**—One of the best and most universally grown. Small, erect top, round flat; purplish red above, white underneath; flesh firm, but very tender and sweet. Of quick growth, it is soon ready for the table, and keeps well. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 30c.**

**Purple Top White Globe**—A large globe-shaped variety; purple above ground; it is handsome and of excellent quality, and recommended both for the family garden and field crop. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 30c;**

**White Egg**—An oval or egg-shaped variety, growing much above ground. It is pure white, smooth, and handsome; flesh tender and excellent. It is of rapid growth, and recommended for early fall planting. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 30c.**

**Pomeranian White Globe**—A pure white, smooth-skinned turnip, growing in good soil to a very large size; almost perfect globe shape; good for stock or table. **Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c.**

**Sweet German**—A round turnip, white, solid and sweet, but peculiar in the fact that it partakes of the nature and suggests the flavor of the ruta baga. Should be sown three or four weeks earlier than the flat varieties. A good keeper and a favorite in the Eastern states. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 30c.**

**Cow Horn, or Long White**—A distinct variety, having a long, slightly-curved root, somewhat resembling a carrot. It is white, with a green tint near the top, growing partly above ground; flesh tender, sweet, and of fine quality. Can be sown early for fall and winter use. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 65c.**

## Yellow-Fleshed Varieties

**Large Amber Globe**—Large, rather globe-shaped; yellow, tinted with green on top; flesh sweet and of good quality. It is hardy, produces a large crop, and keeps well. Good both for the table and field crop. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 50c.**

**Orange Jelly, or Robertson's Golden Ball**—One of the best yellow-fleshed kinds, not large, rather globe-shaped; flesh fine grained, firm, sweet, and of superior flavor. Keeps well all winter. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 50c.**

**Purple-Top Yellow Aberdeen**—Round, medium size, light yellow, stained with purple on top. Produces a large crop, is hardy and keeps well; flesh very firm, but tender and sweet. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 50c.**

## RUTABAGAS OR SWEDES

**Skirving's Purple Top Yellow**—A variety closely resembling the Champion, grows to a very large size, and is of excellent quality; flesh very firm. Easily kept all winter.

**Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 50c.**

**Sweet Russian, or White Ruta Baga**—The only white-fleshed Ruta Baga in gen-

Plant Purple Top White Globe.

## RUTABAGAS OR SWEDES—Continued.

eral cultivation; is hardy, easily grown, large, and yields as heavy a crop as the best yellow kinds; flesh fine grained, richer and more nutritious, and for these reasons preferred for stock feeding, for which they are very profitable. They are also used on the table. They yield best in a rich, strong soil.

Ruta Bagas are larger and coarser in ground, making them easier to harvest. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c.**

**Purple-Top Swede, or Yellow Ruta Bagas**—A large variety, growing much above

ground; is hardy, and should be sown as early as the ground can be prepared; ashy purple on top, yellow underneath. A large cropper and a good keeper. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c.**

**Monarch, or Tankard**—This is a tankard-shaped sort; color purplish crimson above ground, yellow below. The flesh is of a rich yellow, fine grained, and of the best quality. The roots grow much above and solid, but tender and well flavored; good for stock and desirable for the table. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c.**

## AROMATIC, MEDICINAL, SWEET AND POT HERBS

**Anise** (*Pimpinella Anisum*)—For garnishing and seasoning. The seeds are also used medicinally. They have a powerful aroma, are tonics, and frequently beneficial in cases of colic and dyspepsia. Annual. **Pkt., 5c; oz., 15c; 2 oz., 20c; ¼ lb., 30c.**

**Balm** (*Melissa officinalis*)—A fragrant lemon-scented herb, used for making balm tea or balm wine. It is easily grown from the seed, or multiplied by dividing the roots. The tea is a febrifuge, possessing considerable virtue, and the wine excellent to allay thirst. Hardy perennial. **Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 75c.**

**Basil Sweet** (*Ocimum Basilicum*)—The leaves and top shoots are used for seasoning soups, stews and sauces. Hardy annual. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c.**

**Catnip** (*Nepeta Cataira*)—A mild nervine. As a tea it is excellent for children. For winter use, remove the plant by the root, and dry as other herbs. Hardy perennial. **Pkt., 5c; oz., 35c; 2 oz., 60c; ¼ lb., \$1.00.**

**Dill** (*Anethum Graveolens*)—A hardy annual, the seeds of which are aromatic, warm, and pungent, and are used medicinally in cases of colic and to correct flatulence. They are also used to flavor soups and stews, and in pickles. The leaves possess similar qualities, and can be used in the same manner as the seeds. **Pkt., 5c; oz., 15c; 2 oz., 20c; ¼ lb., 35c.**

**Fennel, Sweet** (*Foeniculum vulgare*)—The leaves are used for ornament, also much esteemed for flavoring fish sauces. The seeds have an agreeable aroma, and are used in confectionery, for flavoring, and medicinally. Hardy annual. **Pkt., 5c; oz., 15c; 2 oz., 20c; ¼ lb., 30c.**

**Hyssop** (*Hyssopus Officianalis*)—The leaves and flowers are the parts used and have a warm, aromatic, pungent taste. Medicinally it is a tonic and expectorant, acting on the bronchial tubes, and is beneficial in cases of asthma and catarrh. A hardy perennial, maturing best in a dry, sandy soil. The hyssop of Scripture is supposed to be a species of the caper. **Pkt., 5c; oz., 20c; 2 oz., 30c; ¼ lb., 50c.**

**Lavendar** (*Lavendula vera*)—So called from its extensive use by the Romans in the bath. It is cultivated for the powerful and delicious fragrance of its flowers,

which should be gathered when in full bloom, dried quickly, and carefully protected from the air and moisture. Hardy perennial. **Pkt., 5c; oz., 20c; 2 oz., 30c; ¼ lb., 50c.**

**Marjoram, Sweet** (*Origanum Marjorana*)—A perennial in warm climates, but unable to withstand severe winters. The young shoots and leaves are peculiarly aromatic, and are used for flavoring, either fresh from the garden or dried. **Pkt., 5c; oz., 20c; 2 oz., 30c; ¼ lb., 50c.**

**Rue** (*Ruta graveolens*)—A stimulant in medicine, but on account of its powerful acrid effect, should be used with great care. The plant should not be allowed to run to seed, or the young shoots should be cut before the seed matures, or they lose their strength. Hardy perennial. **Pkt., 5c; oz., 35c; 2 oz., 60c; ¼ lb., \$1.00.**

**Sage** (*Salvia officinalis*)—Sage is used, almost universally, as a condiment for relishes and flavoring. Used medicinally, it is diuretic in effect, producing gentle perspiration. It is a hardy perennial, that should have rich soil and thorough cultivation. Cut the young shoots just before blooming, dry quickly in the shade, and store carefully, or pulverize and bottle. **Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c.**

**Savory, Summer** (*Satureja Hortensis*)—Cultivated for the young shoots, which are dried and used for flavoring soups, dressings, and meats. It is a hardy annual, and may be sown as soon as the ground can be prepared. **Pkt., 5c; oz., 15c; 2 oz., 20c; ¼ lb., 35c.**

**Sorrel** (*Rumex acetosa*)—A hardy perennial plant, much prized by the French. It has a sour taste, and is used as a salad, and by some in soups and sauces. Can be propagated by dividing the roots. To secure a good growth of leaves, cut out the flower stalks as they appear. **Pkt., 5c; oz., 25c; 2 oz., 35c; ¼ lb., 60c.**

**Thyme** (*Thymus vulgaris*)—A hardy perennial, a warm, pungent, and very aromatic plant, much used for flavoring soups, dressings, etc. It is also a nervine, and tea made from leaves is used with good effect in cases of nervous headache. It can be used either fresh or dried. Plant as soon as the ground can be prepared. **Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 65c.**

## CLOVER AND GRASS SEEDS

Clover and grass seeds at pound prices include postage or express charges prepaid at our expense; 10, 25 and 100 pound lots by express or freight, at buyer's expense for charges.

As the country becomes settled, and lands that have been used for grazing only are inclosed and devoted to agriculture or the growing of fruits, the question of economically raising and fattening stock for market becomes a more important one. To solve the problem, the farmers are fast turning their attention to the raising of grass and clover. Fully appreciating the growing importance of this branch of husbandry, we are constantly adding to our facilities to meet every requirement of our large, increasing trade.

**Alfalfa** (*Medicago sativa*)—Alfalfa, also known as Lucerne and Chili clover, is one of the most valuable foliage plants, yielding a prodigious amount of feed, which is relished by all kinds of stock, and is very nutritious. It should be cut just before coming into bloom. The hay is especially valuable for dairy cows. As soon as cut, it immediately commences to grow, and during the hottest and driest weather, when other grasses are parched and withered, it remains fresh and green, and grows as rapidly as ever. Prepare the land by deep plowing and thorough harrowing. Sow from twenty to thirty pounds of seed to the acre, and harrow or brush it in well. Seeding thick will produce fine stalks—a desirable feature, either in hay or pasture. The seed should be sown in spring, after danger from freezing the young plants is over, or in the fall, early enough to give it a good stand before frost. **Per lb., 30c; 100 lbs., or over, write for price.**

**Red Clover** (*Trifolium pratense*)—The standard clover for all purposes, either pasture, hay, or for improving and enriching the soil. It is hardy, and may be sown at any time when the ground is in condition to receive the seed. It succeeds well on any good soil, and thin, light lands are made fertile and rich by allowing them to remain seeded to it for a number of years. It yields the heaviest crop of any clover except alfalfa, and makes superior hay, especially if mixed with timothy, either for dairy cows or general use. Sow from twelve to fifteen pounds per acre, being careful to get it evenly distributed over the ground. **Per lb., 30c; 10 to 25 lbs., at buyer's expense for freight, 20c per lb.; 100 lbs. and over, write for price.**

**Mammoth Red Clover** (*Trifolium pratense*)—Similar to Red Clover, but coarser and taller, and considered of more value for reclaiming and enriching waste land, as it sustains itself, and succeeds sometimes when Red Clover fails. Sow from twelve to fifteen pounds per acre in time to get the benefit of ample moisture. **Per lb., 35c; 10 to 25 lbs., at buyer's expense for freight, 25c per lb.; 100 lbs. and over, write for price.**

**White Dutch Clover** (*Trifolium repens*)—A small variety, having a white blossom. It is of a vining nature, spreading rapidly, and will soon cover bare spots if the stand be uneven. It does not attain sufficient height to be profitable for hay, but is superior for pasture either for cattle or sheep, and unsurpassed for the production of honey. It also makes a beautiful lawn, mixed with blue grass. When sown alone, use eight to ten pounds per acre. Harrow

the soil until it is very fine before sowing. **Per lb., 50c; 10 to 25 lbs., at buyer's expense for freight, 40c per lb.; 100 lbs. and over, write for prices.**

**Alsike, or Swedish Clover** (*Trifolium hybridum*)—A comparatively new and perfectly hardy variety, which is rapidly growing in popular favor. It yields large crops of excellent hay, and, under favorable conditions, may be cut several times during the season. It is also valuable for bees. It is well calculated to resist both drought and excessive moisture. It is perennial, and produces a mass of long, fibrous roots, which hold the soil, making it useful for permanent pasture on hillsides which are liable to wash. When used alone sow from six to eight pounds per acre. **Per lb., 40c; 10 to 25 lbs., at buyer's expense for freight, 30c per lb.; 100 lbs. and over, write for price.**

**Timothy** (*Phleum pratense*)—Timothy is indigenous in North America, and takes its name from Timothy Hanson, who first introduced it into England. It is nutritious, and relished by all herbivorous animals, either as pasture or hay. In most soils it affords excellent pasture in the fall after the hay has been harvested. It should be cut just before or immediately on coming into bloom, as it loses much of its strength and flavor, and becomes hard and strawy, if allowed to ripen. It is perennial, sods readily on any good soil, and does not fail even on clayey lands when well prepared. It yields a moderately heavy crop of hay, that should be well cured, to prevent molding, and salted as it is mowed or stacked. To secure a good stand fifteen or twenty pounds should be sown to the acre. **Per lb., 20c; 10 to 25 lbs., at buyer's expense for freight, 8c per lb.; 100 lbs. and over, write for price.**

**Orchard Grass** (*Dactylis glomerata*)—Also known as Cock's Foot. A tall grass, having large, glossy blades. It is justly becoming more popular, as it is one of the best forage grasses known, on account of its rapid growth, being ready for grazing ten to fifteen days earlier than most other kinds, and, where the ground is kept moist, continues to grow vigorously as fast as eaten off, till late in fall, and in warm localities all winter. It yields a heavy crop of hay, and succeeds well in open timber lands. If intended for hay only, it is usually mixed with clover, as they both bloom at the same time, and can be cut when at their best. It is perennial, and has a tendency to grow in tufts, and should be sown thick. It succeeds on any good soil, and requires thirty to forty pounds per acre to secure the best results. **Per lb., 30c; 10 to 25 lbs., at buyer's expense for freight, 20c per lb.; 100 lbs. and over, write for price.**

**Red Top** (*Agrostis vulgaris*)—Also known in some sections as Herd's Grass, and by some as English Grass and Rhode Island Bent Grass. It is perennial, and the best yield is obtained on wet and even marshy land. The blades and stalks are fine, and generally preferred for grazing; but where a good stand is secured, it affords a profitable hay crop. The seed is fine and light, and care should be taken to get sown evenly. The proper quantity is thirty pounds per acre for seed in chaff, and half that for fancy. **Red Top, in chaff, lb. 25c; Red Top, fancy, clean, free from chaff, lb. 40c.**

**Hard Fescue** (*Festuca Duriuscula*)—A fine, rather dwarf-growing variety, justly

## CLOVER AND GRASS SEEDS—Continued.

noted for its drought-resisting qualities. It is prized by some for lawns, and is especially valuable as a pasture for sheep, as it succeeds well sown on uncultivated land, where the soil is loose. Sow thirty pounds per acre. **Per lb., 40c.**

**Kentucky Blue Grass** (*Poa pratensis*)—One of the best grasses for permanent pasture, furnishing a constant supply of the most nutritious feed during the greater part of the year. It is perennial, and in warm localities, where the ground is kept moist, and it is pastured or frequently cut, to prevent the seed from ripening, will continue to grow luxuriantly the entire year. It is also incomparably the best grass known for lawns and parks, and, where covered with fine manure every fall, watered well and evenly, and cut frequently, will furnish a handsome velvety lawn for years, requiring no resowing. For pasture, sow forty to fifty pounds to the acre, but to secure a fine lawn much heavier seeding is required, and not less than eighty pounds should be sown. **Fancy clean, 35c per lb.; 10 to 25 lbs., at buyer's expense for freight, 25c lb.; 100 lbs. and over, write for price.**

**English Perennial Rye Grass** (*Lolium perenne*)—A strong-growing, hardy, perennial grass, noted for its nutritive qualities. It is equally valuable both for grazing and hay, and will succeed on any good, tillable land, if well prepared. It is easily sired, and kept either in the mow or stack. Also makes a fine lawn, and for large grounds and parks is very successful. Does not require the close care that Blue Grass does, and will flourish better under trees or in shady locations. For field crop, sow forty to fifty pounds to the acre, and if used for lawns, not less than seventy-five pounds. **lb., 25c; 10 to 25 lbs., at buyer's expense for freight, 12½c per lb.**

**Extra heavy for lawns and parks, lb., 30c; 10 to 25 lbs., at buyer's expense for freight, 15c lb.; 100 lbs. and over, write for price.**

**Italian Rye Grass** (*Lolium italicum*)—A perennial variety, extensively grown in many parts of Europe. One of its chief points of merit is its rapidity of growth. Where the seasons are short, either from limited rains or long, severe winters, this variety is found valuable. Though a distinct variety, its qualities are similar to the English Perennial, and will succeed on the same soils. From forty to fifty pounds per acre should be sown. **Per lb., 30c; 10 to 25 lbs., at buyer's expense for freight, 12½c per lb.**

**Tall Oat Grass** (*Avena elatior*)—Valuable in mixtures for permanent pastures in dry, gravelly soil. It is perennial, and will readily form a permanent sod with little moisture. Sow thirty or forty pounds per acre when used alone. **Per lb., 35c.**

**Fine-Leaved Fescue** (*Festuca tenuifolia*)—One of the best of all grasses for sheep, and should be used in all mixtures for permanent pasture. It is still finer than the Hard Fescue, and, like it, succeeds on virgin soil. Sow thirty pounds per acre, if possible, just before rain. **Per lb., 45c.**

**Brome Grass** (*Bromus inermis*)—A variety coming from Hungary and the northern provinces of Turkey. It is nutritious, and yields a heavy crop, and in these respects is said to be not inferior to alfalfa.

It comes highly recommended as a variety that will mature a good crop with an astonishingly small amount of moisture, succeeding where most other kinds fail. We deem it worthy a thorough trial by farmers and stock raisers, on virgin soil and in dry sections. Thirty pounds per acre should be sown. **Per lb., 25c; 10 to 25 lbs., at buyer's expense for freight, 15c lb.; 100 lbs. and over, write for price.**

**Bermuda Grass** (*Cynodon dactylon*)—Is suitable only for climates where the winters are not below the freezing point. Particularly adapted to the Southern states, as it stands the hottest and driest season, and is very valuable for stock, being exceedingly nutritious, and for summer pasture is very valuable. Sow eight to ten pounds per acre on well-prepared land; rolling in is all that is necessary to make a sufficient covering. It is slow to germinate, requiring at least thirty days under favorable circumstances. **Per lb., \$1.00; 5 lbs., by mail or express, prepaid, \$4.50.**

**Mixture for Dry Lands**—Our mixture for permanent pasture is composed of a variety of grasses, selected especially for their ability to survive drought, poor soil, close feeding, and for their nutritive and lasting qualities. We recommend it as the best mixture to be had for the use for which it is designed. Fifty pounds to the acre. **Per lb., 35c; 100 lbs. and over, write for price.**

**Lawn Grass**—Nothing adds a greater air of refinement to a home than a handsome, well-kept lawn. It not only increases its value financially, but renders it doubly valuable in the higher sense of enjoyment, and is within the reach of all who have the ground to devote to it. The cost need not deter any, if leisure hours are devoted to its care. The directions we give to secure a good lawn, when using Fancy Clean Kentucky Blue Grass, will be equally successful when mixtures are sown. Cut with a lawn-mower frequently, and water thoroughly and evenly immediately after mowing. This will make it fine and velvety. This mixture includes fine perennial varieties in proper proportion to secure a close and permanent sod. 150 lbs. of seed should be sown to the acre, or one and a half pounds to a plat of ground twenty feet square. **Fine Mixed, lb., 35c; 10 to 25 lbs., at buyer's expense for freight, 25c per lb.**

**Extra Fine Mixed, lb., 40c; 10 to 25 lbs., at buyer's expense for freight, 30c lb.; 100 lbs. and over, write for price.**

**Meadow Fescue, or English Blue Grass** (*Festuca Pratensis*)—A perennial variety, growing from three to four feet high. It roots deep, and on this account resists drought better than most grasses. It is extensively grown in England and on the continent. It succeeds on any ordinary soil, and well repays the labor of deep plowing and thorough harrowing in preparing the land. It yields a heavy crop of superior hay, and is one of the best kinds for pasture, as it comes early and remains green until late. It is valuable to mix with other kinds, as it sometimes succeeds where others fail. Use thirty pounds per acre when sown alone. **lb., 30c; 10 to 25 lbs., at buyer's expense for freight, 20c.** 6

**Millet, Common** (*Panicum millaceum*)—A variety growing from three to four feet

## CLOVER AND GRASS SEEDS—Continued.

high, having rather broad blades and strong stalks. It supplies a valuable hay crop, and affords excellent pasture. The seed is also extensively sold in the market and used with mixed bird-seed. It should have rich, mellow soil, well prepared. For a seed crop, sow fifteen pounds per acre; for hay and pasture, use thirty pounds. Annual. **Per lb., 25c; 10 to 15 lbs., 8c per lb.; by freight or express, charges collect; 100 lbs., write for price.**

**Millet, German or Golden** (*Panicum Germanicum* var.)—An improved variety, yielding a larger crop of seed than the Common Millet. It is also taller than the common and yields a heavier crop of hay. The grains of seeds are larger and of a deeper orange yellow. For a crop of seed, sow twelve to fifteen pounds per acre; for hay, twenty-five to thirty pounds. Annual. **Per lb., 25c; 10 to 25 lbs., 8c per lb.; by freight or express, charges collect; 100 lbs., write for price.**

**Hungarian Millet**—A valuable species of dwarf millet, finer than the Common and German varieties, but producing a closer stand and yielding as much per acre. Requires less moisture than most other grasses to mature a profitable crop, and the hay is a favorite with stock. Sow twenty-five to thirty pounds per acre. Annual. **Per lb., 25c; 10 to 25 lbs., 7c per lb.; express or freight, charges collect; 100 lbs., write for price.**

## SEED POTATOES

We offer choice stock, grown in sandy soil, as long as stock lasts, at only 5c per lb., postage paid; \$2.50 by the hundred pounds, freight extra.

We carry a good line of very early and medium early kinds, such as **Early Ohio, Early Wonder, Select Early Rose, Early Michigan, Daybreak**, as well as the ever popular **Burbanks**. Write for prices.

## SEED WHEAT, SEED RYE, SEED OATS

We carry all the leading as well as new varieties for spring and fall sowing. Write for further information and prices.

## BUCKWHEAT

**Silver Hull**—A very good and popular variety. Grain is of a light gray color; rounder than the common; has a thin husk; matures earlier and yields heavy. A good milling variety. **Per lb., postpaid, 15c; 100 lbs., \$3.50.**

**Japanese**—This variety excels all others; yields much heavier; ripens one week to ten days earlier; stands up better and makes better flour. Excellent for bee pasture. **Per lb., postpaid, 15c; 100 lbs., \$4.00.**

## COW PEAS

The so-called "Cow Peas" are really a small bean of strong running growth, with a large and abundant glossy, dark-green foliage. Most desirable for enriching the soil and for furnishing a large crop of

nutritious forage. These so-called "Cow Peas" gather quantities of nitrogen from the air, a portion of which is conveyed to the soil by the roots, but a much larger amount can be stored in the soil for fertilizing by allowing the vines to die down and plowing them under. They yield as high as five to nine tons of green feed per acre. The vines may be cut either for feeding green or can be cured like clover for winter use. Sow two bushels per acre.

**Whip-Poor-Will**—The earliest maturing variety of upright or bush growth. The seeds may be gathered and the plants harvested more readily than with the running type of growth. **Per lb., postpaid, 20c; by freight or express, 10 lbs., 90c; 100 lbs., \$7.50.**

## FIELD PEAS

Field Peas are a very profitable crop and are grown here very extensively. They can be grown alone or with oats. When planted with grain and cut green they make a large amount of very rich feed; also very valuable for enriching the soil if plowed under. The dry peas make excellent hog feed and are quite fattening. Sow, if alone, 120 pounds to the acre; if with other grain, 60 pounds.

**White Canadian**—A leading kind; seed almost white; a heavy cropper. **Per lb., postpaid, 15c; 100 lbs., \$3.50.**

**Blue Prussian**—Very much like the above, except in color. This variety is largely sold for soup peas. **Per lb., postpaid, 15c; 100 lbs., \$3.50.**

## BIRD SEED

Not for Planting.

**S. S. Best Mixed, per lb., postpaid, 20c  
Canary—Best Recleaned, per lb., postpaid, 20c.**

**Hemp, per lb., postpaid, 20c.  
Millet, per lb., postpaid, 20c.  
Rape, per lb., postpaid, 20c.  
Cuttle Bone, Large Bone, postpaid, 2 for 5c.**

## BARLEY

**Beardless**—The earliest barley known. The straw is about the height of the common barley, but better, and will stand up on any land; with good season and land has produced 80 bushels per acre. Sow as early as you can; frost does not hurt it. Many farmers will not grow barley on account of the long, harsh beards which are so disagreeable in threshing, although it is a profitable crop. This is beardless and as easy to grow and handle as oats. It is becoming more popular each season. **Per lb., postpaid, 15c; 100 lbs., \$2.75.**

**Chevalier Barley**—A great improvement on the regular barley. This is much earlier, free from rust and an enormous yielder. Will outyield common barley two or three times. It stands up well and seems to be adapted to all kinds of soil. The heads are always filled with good, plump, heavy grains that have a very thin hull. **Per lb., postpaid, 20c; 50 lbs., \$1.25; 100 lbs., \$2.50.**

## BARLEY—Continued.

**Common Barley**—We always aim to have a nice, clean stock of good Seed Barley on hand at all times. Per lb., postpaid, 15c; 100 lbs., market price.

## FLAX SEED

Recleanned for planting. Per lb., postpaid, 20c; 100 lbs., \$9.00.

Flax for other purposes. Per lb., 20c; 100 lbs., \$6.50.

Ground Flax for medicinal uses. Per lb., 25c.

## IDAHO PEA OR COFFEE BERRY

A forage plant, valuable for semi-arid lands. Yields excellent crops of feed for horses, cattle, sheep and poultry. The peas, when nicely browned and ground, make an excellent beverage. Per lb., postpaid, 25c; 100 lbs., \$6.00.

## SOYA BEANS

A very valuable fodder plant, either for feeding green or for the silo. It is rich food and is unsurpassed for forming flesh. Sow thirty pounds per acre in the spring after the ground becomes warm. Like clover, it improves the soil by drawing nitrogen from the air. Very productive. Per lb., postpaid, 25c; 100 lbs., \$9.00.

**Wild Rice** (*Zizania Aquatica*)—For planting in duck ponds. A valuable forage plant; also furnishes food for wild fowl, ducks, geese, etc. Seeds can be sown on the bor-

ders of lakes, ponds and small streams and grows very rapidly in one to four feet of water, attracting all of these wild birds from September on. It also purifies the water and affords a refuge for the small fry from the large fish. Per lb., postpaid, 40c.

Prices on Field seeds are subject to market changes, but we will always send you full value, whether it be more or less, unless otherwise ordered. Special prices in quantity on request.

## VETCHES

**Spring Vetches** (*Vicia sativa*)—A species of pea grown for stock. Sow broadcast sixty-five to one hundred pounds to the acre, and treat same as field peas. Per lb., 25c; 10 to 25 lbs., 5c per lb.; 100 lbs., \$4.50; by freight or express, charges collect.

**Speltz**—A hay and grain crop in one. Yields 15 to 100 bushels per acre and makes four to six tons of hay. Price per lb., 20c by mail; 50 lbs. for \$2.50; 100 lbs., \$4.00; by freight.

**Macaroni Wheat**—Suitable for dry land, yielding very heavy crops. Per lb., 20c, postpaid; 100 lbs., market price.

**Sand, Witer or Hardy Vetches** (*Vicia villosa*)—This variety flourishes well on poor soils. The vines are tall, and furnish a great amount of feed. If cut when fully grown, it will start up again, and give a good yield of forage or seed the same season. One hundred pounds to the acre broadcast. Per lb., 30c; 10 to 25 lbs., at buyer's expense for freight, 15c per lb.; 100 lbs., write for price.

## FRUIT TREE SEEDS

The following do not produce the same varieties from seed, but the seedlings are used as stock on which to graft or bud all approved varieties.

**Apple**—Seeds may be planted in fall, winter, or spring. If not planted till spring, the seed should be kept moist during winter. Select deep, rich, moist soil, and sow thickly in rows two feet apart. Keep free from weeds.  $\frac{1}{4}$  lb., 40; 1b., \$1.00.

**Pear**—Plant the same as apple seed, but for growing pear stocks, the ground should always be deep, rich, and moist, and the young plants should be cultivated often, to insure a rapid growth the first season, as upon this depends their value for stocks. They are budded and grafted the same as apples. Oz., 20c; 2 oz., 30c;  $\frac{1}{4}$  lb., 50c; 1lb., \$1.50.

## STRAWBERRY PLANTS

**Wilson**—A heavy bearer of fine, moderate-sized berries; leading sort for canning.

**Magoon**—Large, firm and excellent; sub-acid flavor; bears heavily; later than the Wilson.

**Clark's Seedlings**—The best shipper; berries large, firm, delicious; vines bear large crops; is especially adapted to dry soil.

**Marshall**—Recommended by Corvallis Experiment Station as being the best all-round strawberry; very large; dark crimson throughout; fine flavor; a fine market and table berry. One local grower says in size,

appearance, flavor and sweetness it is superior to the Magcon.

## Price List of Plants

By mail, postpaid.

Clark's Seedlings—Doz., 25c; 100, \$1.00;

Magoon—Doz., 25c; 100, \$1.00; 1,000, \$4.50.

Wilson—Doz., 25c; 100, \$1.00; 1,000, \$4.50.

Marshall—Doz., 35c; 100, \$1.25; 1,000, \$6.00.

New Oregon—Each, 10c; oz., 50c; 100, \$3.00; 1,000, \$15.00.

Net less than 500 plants of a kind at the 1,000 rates; 50c per M. less in sacks.

Special prices on large quantities. State amount and kind wanted.

Plant Strawberries in October and February.

## VEGETABLE PLANTS

**Cabbage**, early or late kinds—**Doz.**, 20c, postpaid; 100, 75c, by express; 1,000, \$6.00, by express.

Add 25c per 100 for Cabbage Plants by mail.

**Cauliflower**, early Snowball—**Doz.**, 30c, postpaid; 100, \$1.25, by express; 1,000, \$8.00, by express.

Late kinds—**Doz.**, 30c, postpaid; 100, \$1.00, by express; 1,000, \$7.00, by express.

Add 25c per 100 for Cauliflower Plants by mail.

**Celery**, leading kinds—**Doz.**, 25c, postpaid; 100, 75c, by express; 1,000, \$6.00 by express.

Add 25c per 100 for Celery Plants by mail.

**Tomatoes**, leading kinds—**Doz.**, 30c, postpaid; 100, \$1.00, by express; 1,000, \$7.00, by express.

Add 40c per 100 for Tomato Plants by mail.

## VEGETABLE ROOTS, ETC.

### Asparagus

One-year-old plants—Postpaid, doz., 25c; 50, 75c; 100, \$1.00. By express or freight, doz., 20c; 50, 50c; 100, 75c.

Two-year-old plants—Postpaid, doz., 40c; 50, \$1.00; 100, \$1.50. By express or freight, doz., 25c; 50, 75c; 100, \$1.00.

Write for prices if wanted by the thousand.

### Horseradish Roots

Postpaid, each, 5c; doz., 40c. By express or freight, doz., 25c; 100, \$1.50.

### Hop Vines

Strong roots—Postpaid, each, 5c; doz., 40c. By express, doz., 25c; 100, \$1.50. We can make very low prices if wanted by the thousand.

### Rhubarb Roots

Varieties—Mammoth, Giant and Linnaeus. One-year-old roots—Postpaid, each, 8c; doz., 75c. By express or freight, doz., 50c; 100, \$3.00.

Two-year-old roots—Postpaid, each, 15c; doz., \$1.50. By express or freight, doz., 85c; 100, \$6.00.

If wanted in larger quantities, write for special prices.

# Scandinavians, Attention!

## POTATO SPECIAL

We have a very small quantity of Danish Egg, Blom Potatoes, to offer.

This potato is very well and favorably known in Europe.

It is a small yellow meated potato of most delicious flavor, a good keeper and can not be told from new potatoes in the spring of the year as the skin is very thin and the flavor and quality exactly like new spuds. Quantity limited.

Price: 1 lb. 20, 6 lbs. for \$1.00.



# FLOWER SEED DEPARTMENT



## GENERAL DIRECTIONS FOR CULTURE

Flowers generally succeed best in a sandy loam, made rich with well-rotted manure, which should be made fine and thoroughly mixed with the soil. A soil thus prepared will remain moist and loose, so that flower seeds, which are generally small and delicate, will germinate and grow with vigor.

The mistake is often made of working the soil when too wet, so that in drying it bakes and cracks. The soil should always be dry enough to work up mellow, and crumbly when struck with a spade.

If fine seed is to be planted, make the surface even with a piece of board; sow the seeds, and then carefully sift a little dirt over them, after which water with a watering-pot, having a fine nose. Shade from the hot sun until well up. Larger seeds should be planted deeper. A hotbed or cold frame is very convenient to start seeds in, as the temperature and moisture can be so regulated as to make

their germination and rapid growth more certain. Most seeds do well if sown in boxes in a sunny window in the house. Plants are usually ready to be transplanted when they have made a growth of two inches. It is a very common mistake to let them stand so close together as to crowd each other. Give each plant plenty of room, according to its habit of growth.

All plants, and especially annuals, exhaust themselves in maturing seeds, consequently, to insure the healthy of the plant, and concentrate its full vigor in the continued production of an abundance of the finest blossoms, the flowers should all be taken from the stem when in full bloom, or at least as soon as the petals begin to wither or fall.

Many annuals, in warm climates, or when taken in or protected during the winter, become perennial, with, however, but short lives.

## LIST OF

# CHOICE FLOWERS

Worthy of Special Attention, Embracing  
**ANNUALS, BIENNIALS, PERENNIALS, CLIMBERS AND  
EVERLASTINGS**

All flower seeds sent Free by Mail on receipt of the price placed opposite each variety.

### ARRONIA

Mixed, Pkt., 10c.

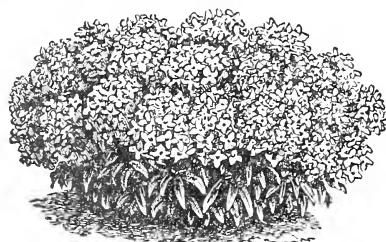
### ACROCLINIUM

(Everlasting Flower.)

Album, Pure white—Pkt., 5c.  
Mixed, all colors—Pkt., 5c.

### AGERATUM

Mexicanum, light blue—Pkt., 5c.  
White, dwarf—Pkt., 5c.  
Fine Mixed, all colors—Pkt., 5c.



### AGROSTEMMA

Thrives in any good soil.  
Coronaria (Rose Champion), Perennial—  
Pkt., 5c.

### AGROSTIS

(Ornamental Grass.)

Nebrlosa, one of the most graceful—Pkt., 5c.  
Pulchella, very fine and delicate—Pkt., 5c.

### ALYSSUM

White Sweet, very fragrant; useful in bouquets. Hardy annual—Pkt., 5c.

Golden Alyssum (Saxatile). The golden yellow flowers are desirable for rock work and masses in beds. Hardy perennial—  
Pkt., 5c.

### AMARANTHUS

Caudatus (Love Lies Bleeding), drooping flowers—Pkt., 5c.

Cruentus (Prince's Feather), erect flowers, Pkt., 5c.

Tri-Color (Joseph's Coat), beautifully variegated, foliage scarlet, yellow and green—Pkt., 5c.

Buy Your Flower Seed From Puget Sound Nursery & Seed Co.

**ASTERS****New "Crego" Giant Aster**

The "Giant Crego" is distinct in every way, and its magnificent flowers, often 6 inches in diameter, are fully equal to chrysanthemums. They have rare beauty of form and brilliant coloring, are very vigorous, and free flowering; blooms are borne on long stems. **White Shell Pink, Rose, Purple**—Pkt., 15c;  $\frac{1}{8}$  oz., \$1.00.



QUEEN OF THE MARKET ASTER.

**Washington**, extra double, large flowering, vigorous growth, delicate colors.—Extra mixed—Pkt., 15c.

**Dwarf Chrysanthemum**, dwarf, compact habit. Large flowers. Very free blooming. Mixed—Pkt., 10c.

**Japanese**, a very distinct and attractive class. The plants are vigorous producing large, beautiful flowers, having long, tubular and twisted petals—Pkt., 10c.

**German Quilled**, large flowers of brilliant colors, freely produced. All colors—Pkt., 5c.

**Betteridges Quilled**, extra mixed—Pkt., 10c. **Snow White**, desirable for bridal or funeral decoration—Pkt., 10c.

**Fine Mixed**, assorted varieties and colors. In great variety—Pkt., 10c.

**BALLOON VINE**

(*Cardiospermum*—Love in a Puff.) — Pkt., 5c.

**BALSAM**

(Ladies Slipper—Touch-Me-Not).

Hardy annual, easily grown.

**Double White**—Extra choice. Pkt., 10c.

**Camellia Flowered Double**—Finest mixed, Pkt., 10c.

**Rose Flowered**—Double mixed, Pkt., 10c.

**Double Dwarf**—Mixed, Pkt., 5c.

**Double Tall**—Mixed, Pkt., 5c.

**BARTONIA**

**Golden Bartonia**—Very fine, Pkt., 5c.

**BRIZA or QUAKING GRASS**

Hardy annual.

**Maxima**—large. Pkt., 5c.

**BRYONOPSIS**

Pkt., 5c.

**BACHELOR'S BUTTON**

(*Centaurea Cyanus*.)

**Pink**, Pkt., 5c.

**Blue**, Pkt., 5c.

**White**, Pkt., 5c.

**CACALIA**

(Tassel Flower.) Hardy annual.

**Mixed**—All colors, Pkt., 5c.

**CALANDRINIA**

**Grandiflora**—Rosy lilac, Pkt., 5c.

**Speciosa Alba**—Dwarf. Very fine, Pkt., 5c.

**CALCEOLARIA**

**Grandiflora**—Large flowered, self-colored, splendid, robust, profuse bloomers, Pkt., 25c.

**Hybrida**—Tigered and spotted, brilliant. Finest mixture, Pkt., 25c.

**CALLIOPSIS or COREOPSIS**

Choice Mixed, Pkt., 5c.

Plant the New Crego Asters.

### CALLIRHOE

**Pedata**—Dark red, Pkt., 5c.  
**Nana Compacta**—New. Very dwarf and compact. A profuse bloomer, Pkt., 5c.  
**Verticillata**—A trailing variety, bearing a profusion of crimson-purple flowers, Pkt., 5c.

### CAMPANULA MEDIUM

See Canterbury Bell.

### CANARY BIRD FLOWER

(*Tropaeolum Canariense*.)

Half-hardy annual, of rapid growth.  
**Yellow**, Pkt., 5c.

### CANDYTUFT

(*Iberis*.)

**Purple**, Pkt., 5c.  
**White**, Pkt., 5c.  
**Dwarf Mixed**—Compact habit, Pkt., 10c.  
**Fine Mixed**—All colors, Pkt., 5c.

### CANTERBURY BELL

(*Campanula Medium*.)

**Double and Single**—Blue, Pkt., 10c.  
**Double and Single**—White, Pkt., 10c.  
**Double and Single**—Mixed, Pkt., 5c.

### CARDIOSPERMUM

See Balloon Vine.

### CARNATIONS

(*Dianthus Caryophyllus*.)

**Early Flowering Vienna**—Extra Mixed, Pkt., 10c.  
**Double Red**—A splendid variety for florists, Pkt., 15c.  
**Double White**—Very fine, Pkt., 25c.  
**Double Yellow**—Choice, Pkt., 25c.  
**Carnation Marguerite**, Pkt., 5c.  
**Fine Double Mixed**—All colors, Pkt., 10c.  
**Extra Choice Double Mixed**—From superb Varieties, including Flakes, Bizarres and Selves, Pkt., 25c.

### CASTOR BEAN

(*Ricinus*.)

**Sanguineus**—Brilliant scarlet, Pkt., 5c.  
**Borboniensis Arboreus**—The largest variety. Tall and stately, Pkt., 5c.  
**Mixed**—Best varieties, Pkt., 5c.

### CATCHFLY

(*Silene*.)

**White**, Pkt., 5c.  
**Red**—Very fine, Pkt., 5c.  
**Fine Mixed**—All colors, Pkt., 5c.

### SELOSIA

**Plumosa**—Mixed colors of great brilliancy, Pkt., 25c.  
**Argentea**—Bears long, silver-white plumes which, when dried, are fine for winter bouquets, Pkt., 10c.

### CENTAUREA

(Dusty Miller.)—

**Candidissima**—The finest, handsomest silver foliage. Leaves deeply indented. Half-hardy perennial, Pkt., 15c.  
**Gymnocarpa**—Foliage silver gray, drooping, graceful. Perennial, Pkt., 10c.

**Americana**—Blue flowers. Annuals, Pkt., 5c.  
**Moschata** (Sweet Sultan)—Blue, yellow, and white mixed, Pkt., 5c.

### CHRYSANTHEMUM

**Frutescens Marguerite**, or **Paris Daisy**—White and yellow flowers, Pkt., 10c.  
**Burridgeanum** (**L o r d Beaconsfield**)—White and rose. Very fine, Pkt., 5c.  
**Venustum**—White, crimson center, Pkt., 10c.  
**Japonicum**—Extra choice mixed, from the finest Japanese varieties. Perennial, Pkt., 25c.  
**Double White**, Pkt., 5c.  
**Double Yellow**, Pkt., 5c.  
**Eclipse**—Tricolor. Purplish scarlet, brown and yellow. Choice, Pkt., 5c.  
**Mixed**—Very choice double, Pkt., 5c.

### CINERARIA

**Mybrida**—Double. Mixed. Extra choice, Pkt., 25c.  
**Hybrida Nana**—Mixed. Dwarf. Free flowering, Pkt., 25c.

### CLARKIA

**Finest Mixed**, Pkt., 5c.

### CLEMATIS

**Plannula**—Covered with handsome tufts of white flowers, Pkt., 5c.  
**Mixed Hybrida**—All the choice varieties, Pkt., 5c.

### COBEA SCANDENS

Tender Perennial, Pkt., 5c.

### COCKSCOMB

(*Celosia Cristata*.)

**Variegated**—Combs beautifully variegated with crimson and gold, Pkt., 10c.  
**Japan**—New and magnificent combs, massive and fine, Pkt., 10c.  
**Dwarf Mixed**—Finest dwarf varieties; combs as large as the taller sorts, Pkt., 10c.

**Fall Mixed**—The best tall varieties, Pkt., 10c.

### COLUMbine

(*Aquilegia*.)

**Chrysanthia**—Golden yellow. Fine, Pkt., 10c.  
**Double White**—Very handsome, Pkt., 10c.  
**Mixed**—Best double and single varieties. Very fine, Pkt., 5c.

### COSMOS

**Hybrida Giant Mixed**, Pkt., 5c.

**Dawn**—An early-flowering strain; flowers pure white, Pkt., 5c.

### COWSLIP

(*Dodecatheon Meadia*.)

**Choice Mixed**, Pkt., 25c.

### CYPRESS VINE

(*Ipomoea Quamoclit*.)

**White**, Pkt., 5c.  
**Scarlet**, Pkt., 5c.  
**Mixed**—All colors, Pkt., 5c.

Plant Our Double Mixed Carnation Seed.

**DAISY**

(Bellis Perennis.)

**Double White.** Pkt., 10c.  
**Double Mixed.** Pkt., 10c.

**DAXTURA**

(Trumpet Flower.)

**Double Mixed**—All colors. Pkt., 5c.

**ESCHSCHOLTZIA**

(California Poppy.)

**California**—Yellow, orange center. Pkt., 5c.  
**Mandarin**—The colors of the petals are orange inside, brilliant scarlet outside. Choice. Pkt., 5c.  
**Mixed**—All colors, very fine. Pkt., 5c.  
**Mammoth Package California Poppy.**  
 Pkt., 10c.

**FEVERFEW**

(Matricaria Capensis.)

Bets Double White. Pkt., 10c.

**FORGET-ME-NOT**

(Myosotis.)

**Dissitiflora**—Deep blue. Pkt., 10c.  
**Palustris**—Light blue. Pkt., 5c.  
**Mixed**—Choice, all shades. Pkt., 10c.

**FOUR O'CLOCK**

(Mirabis—Marvel of Peru.)

**Choice Mixed**—Self-colored and variegated, in great variety. Pkt., 5c.

**FOX GLOVE**

(Digitalis.)

Extra Mixed. Pkt., 5c.

**GALLARDIA**

**Grandiflora**—Choice mixed. All colors. Pkt., 5c.  
**Picta-Lorenziana**—Magnificent flowers, resembling some varieties of Japanese chrysanthemums. Various colors and shades. Very desirable. Pkt., 5c.

**GLOBE AMARANTH**

(Gomphrena.)

**Purple.** Pkt., 5c.  
**White.** Pkt., 5c.  
**Mixed**—All colors. Pkt., 5c.

**GODETIA**

Best Varieties, Mixed. Pkt., 5c.

**GOLDEN FEATHER**

Pkt., 5c.

**GORDS**

(Cucurbita.)

**Orange.** Pkt., 5c.

**Egg-Shaped**—White, very useful for nests. Does not crack or decay. Pkt., 5c.  
**Dipper or Bottle**—Useful and handsome. Pkt., 5c.

**Hercules' Club**—Club-shaped. Large and long. Pkt., 5c.

**Mixed**—Seed saved from the most useful, elegant and unique varieties. Pkt., 5c.

**GYPSOPHILA****Muralis**—Pink. Hardy annual. Pkt., 5c.**Paniculata**—White. Best for winter bouquets. Hardy perennial. Pkt., 5c.**HELICHRYSUM**

(Eternal Flower.)

**White**—Mixed, dwarf and tall. Pkt., 5c.

**Mixed**—Dwarf and tall. All colors. Very elegant. Pkt., 5c.

**HIBISCUS**

Extra Mixed. Pkt., 5c.

**HOLLYHOCK**

(Althea.)

**Double Yellow**—Choice. Pkt., 10c.

**Double White**—Very large. Pkt., 10c.

**Double Scarlet**—Superb. Pkt., 10c.

**Double Choice Mixed**—All colors and many shades. Very fine. Pkt., 5c.

**HYACINTH BEAN**

(Dolichos.)

**Giganteus**—Tall-growing; large, purple flowers. Pkt., 5c.

**Labilab**—Mixed. Pkt., 5c.

**IPOMOEA**

**Bona Nox**—Large, fragrant, violet-blue flowers, opening toward evening, the name meaning good night. Pkt., 5c.

**Limbata Elegansissima**—Rich, purple center, margined with white. Pkt., 5c.

**Fine Mixed**—All colors. Pkt., 5c.

**IPOMOPSIS**

(Standing or Tree Cypress.)

Mixed. Pkt., 5c.

**JERUSALEM CHERRY**

(See Solanum Capsicastrum.)

**KAULFUSSIA**

Mixed—All colors. Pkt., 5c.

**LAGURUS**

(See Hare's Tail Grass.)

**LANTANA**

Finest Hybrids—Mixed. Pkt., 5c.

**LARKSPUR**

(Delphinium.)

**Dwarf Rocket Mixed**. Pkt., 5c.

**Tall Stock-Flowered**—Mixed. Perennial. Pkt., 5c.

**Bismarck**—Robust habit, stock flowered, red striped. Very fine.

Burbank's Crimson California Poppy, 20c pkg.

**Candelabrum-Formed**—Stalks branching like a candelabrum. Annual. Pkt., 10c.  
**Bee**—Elatum. Mixed. Perennial. Pkt., 5c.

**Nudicaule**—Scarlet. Perennial. Pkt., 10c.  
**Formosum**—Dark blue. Perennial. Pkt., 5c.

**Mixed**—Annuals. All colors. Pkt., 5c.

### LINUM

(Scarlet Flax.)

**Best Mixed**—Many colors and shades. Pkt., 5c.

### LOBELIA

**Crystal Palace Compacta**—Very dwarf. Blue. Pkt., 10c.

**Gracilis**—Blue, spreading, fine for baskets. Pkt., 10c.

**Alba**—Pure white. Pkt., 10c.

**Finest Mixed**. Pkt., 10c.

### LUPIN

(*Lupinus*.)

**--Cruikshanksi**—Dark blue annual. Pkt., 5c.  
**Mixed**—Best annual varieties of all colors. Pkt., 5c.

### MARIGOLD

(*Calendula* and *Tagetes*.)

**Meteor, Calendula**—Flowers striped dark and light orange. Double. Very fine. Pkt., 5c.

**Prince or Orange, Calendula**—Choice. Pkt., 5c.

**Double Mixed, Calendula**—All shades. Choice. Pkt., 5c.

**African, Tagetas**—Double mixed. Pkt., 5c.

### MAURANDIA

**Finest Mixed Colors.** Pkt., 10c.

### MIGNONETTE

(*Reseda*.)

**Roseda Odorata Grandiflora**—The well-known large flowering Sweet Mignonette. Pkt., 5c.

**Crimson-Flowered Giant**—Large spikes of crimson flowers. Pkt., 5c.

**Parson's New White**—New and valuable. Pkt., 5c.

**New Hybrid Sperg**—A strong grower, abundant bloomer. Very fragrant. Pkt., 5c.

**Golden Queen**—Very fine, new variety, with flowers of a golden hue. Highly effective. Pkt., 5c.

### MIMULUS

(Monkey Flower.)

**Hybridus Tigrinus**—Most beautiful spotted blotched varieties. Mixed. Pkt., 10c.

**Hybridus Tigrinus Flore Pleno**—Beautiful, double-spotted varieties. Mixed. Pkt., 10c.

### MOON FLOWER

(*Imomoea Grandiflora*.)

Pkt., 15c.

### MORNING GLORY

(*Convolvulus Major* and *Minor*.)

**Blue**—Tall. Pkt., 5c.

**White**—Tall. Pkt., 5c.

**Tall Mixed**—All colors. Pkt., 5c.

**Dwarf Mixed**—*Convolvulus Minor*. All colors. Pkt., 5c.

**Giant Japanese Morning Glory**—Flowers of immense size, with an almost endless variety of color and markings. Pkt., 10c.

### MUSK PLANT

(*Mimulus Moschatus*.)

Pkt., 10c.

### NASTURTIUM

(*Tropaeolum*.)

#### Tall Varieties

(*Tropaeolum Lobbianum*.)

**Spitfire**—Bright scarlet. Pkt., 5c.

**Carmine**. Pkt., 5c.

**King of the Blacks**. Pkt., 5c.

**Blood Red**. Pkt., 5c.

**Golden Yellow**. Pkt., 5c.

**Lobbianum**—Finest mixed. Pkt., 5c.

**Mammoth Package Tall Mixed Varieties**. Pkt., 10c.

#### Dwarf Varieties

(*Tropaeolum Minor*.)

**Pearl White**. Pkt., 5c.

**Dark Crimson**. Pkt., 5c.

**Golden King**—Fine. Pkt., 5c.

**Empress of India**. Pkt., 5c.

**Dwarf Mixed**—All colors. Pkt., 5c.

### NICOTIANA

(*Affinis*.)

Pkt., 5c.

### PANSY



**Azure Blue**. Pkt., 10c.

**Emperor William**—Indigo; dark center. Pkt., 10c.



**King of the Blacks**—Velvety black. Pkt., 10c.

**Mahogany Colored**—One of the very best. Pkt., 10c.

**Odier**—New French blotched. Pkt., 15c.

**French Large Flowering**—Mixed. Pkt., 10c.

**Lord Beaconsfield**—Purple, shading to light blue. Large and fine. Pkt., 10c.

**Pure Yellow**. Pkt., 10c.

**Snow Queen**—Pure white. Pkt., 10c.

**Trimardeau**—The flowers of this variety are the largest of any pansy yet produced, and for variety and beauty of marking, brilliance of color, and stability, have no superior. Pkt., 10c.

**Fine Mixed**. Pkt., 5c.

### PASSION FLOWER

(*Passiflora*)

**Coerulea**—Handsome blue and white flowers. Pkt., 10c.

**Coerulea**—Choice mixed. Pkt., 20c.

### PENTSTEMON

**Fine Mixed**—All colors. Very showy. Pkt., 5c.

### PERILLA

(*Nankinensis*)

**Best Mixed**. Pkt., 5c.

### PETUNIA

**Double Mixed**—Choice hybrids, best, all colors. Pkt., 20c.

**Large Flowering Fringed**—Mixed. Pkt., 15c.

**Blotched and Striped**. Pkt., 15c.

**Grandiflora**—Best mixed. Large flowering. Many colors and varieties. Pkt., 10c.

**Pure White**. Pkt., 5c.

**Fine Mixed**—In great variety. Pkt., 5c.

### PHLOX DRUMMONDII

**Alba**—Pure white. Pkt., 10c.

**Black Warrior**—Dark purple. Pkt., 10c.

**Scarlet**. Pkt., 10c.

**Yellow**. Pkt., 10c.

**Finest Mixed**—Including large flowering kinds. Pkt., 5c.

### PINK

(*Dianthus*)

**Double China Mixed**. Pkt., 5c.

**Double White**. Pkt., 10c.

**Double Diadem**—Finest mixed. All colors. Pkt., 5c.

**Double Imperial**—Fine mixed. Pkt., 5c.

**Double Japan**—Beautiful fringed varieties. Mixed. Pkt., 5c.

### POPPY

(*Papaver*)

**The Shirley**—A strain of marvelous beauty, with colors ranging from pure white to rose, pink, carmine, and brilliant crimson; some are edged with white. The petals have a glossy, silk-like texture. Pkt., 5c.

**Double Scarlet**—Carnation flowered. Pkt., 5c.

**Double White**—Carnation flowered. Pkt., 5c.

### HUNNEMANIA

(Giant Yellow Tulip Poppy, or Bush Eschscholtzia.)

**Fumariaefolia**—This is by far the best of the Poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow, poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathered glaucous foliage. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Double Mixed**—In great variety. Very choice. Pkt., 5c.

### PORTULACA

**Single Mixed**. Pkt., 5c.

**Double Mixed**. Pkt., 10c.

### PRIMROSE, EVENING

(*Oenothera*)

**Lamarkiana**—Height four feet with gor-

geous yellow flowers, three or four inches across. Pkt., 5c.

**Aculis Alba**—Dwarf, producing large beautiful, pearl-white flowers. Hardy perennial, prostrate habit, six inches high. Pkt., 5c.

### PRIMULA SINENSIS

(Chinese Primrose.)

**Fimbriata**—Choice, fringed varieties mixed. Pkt., 25c.

**Alba**—Pure white. Pkt., 25c.

**Fern-Leaved Choice Mixed.** Pkt., 25c.

**Extra Mixed**—in great variety. Pkt., 25c.

### PYRETHRUM

**Roseum**—Dried flowers of this variety, pulverized, form Persian insect powder. Pkt., 10c.

**Choice Mixed.** Pkt., 10c.

### SALPIGLOSSIS

**Finest Mixed.** Pkt., 5c.

### SALVIA

(Flowering Sage.)

**Salvia Splendens**—Brighth scarlet. Pkt., 10c.

**Salvia Patens**—Pure blue. Pkt., 10c.

**Salvia**—Mixed. Pkt., 10c.

### SENSITIVE PLANT

(Mimoca.)

**Tender Annual.** Pkt., 5c.

### SOLANUM

**Capsicastrum**—Jerusalem Cherry, or miniature orange tree. Covered with small scarlet fruit. Pkt., 10c.

**Fine Mixed.** Pkt., 10c.



### STOCKS

**Double German Ten-Weeks**—Mixed. Pkt., 5c.

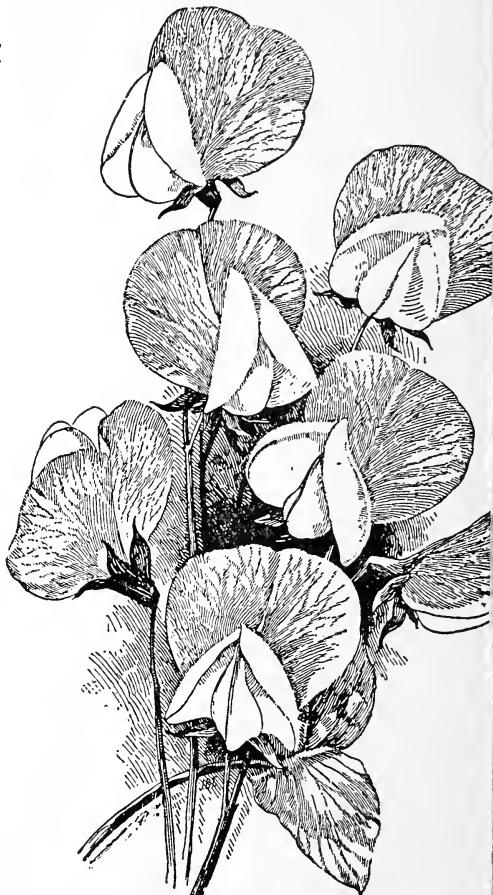
**Double Ten Weeks**—Pure white. Pkt., 10c.

**Emperor or Perpetual**—Beautiful colors. Mixed perennial. Pkt., 15c.

**Brompton**—Mixed, all colors. Pkt., 15c.

## SWEET PEAS FOR 1914 NEW SPENCERS

**W. T. Hutching**—Spencer. A magnificent buff, overlaid with bright blush pink, lemon throat. A fine, large flower, crinkled and waved, of the most advanced Spencer form. Very vigorous, free blooming, with long stems. Pkt., 15c.



**"Margaret Atlee"**—The most perfect of the Duplex type yet produced. Color is a warm salmon pink suffused over a cream ground. The cream deepens into a bright buff as base of standard and wings and this lights up the flower with splendid effect. Flowers are of very large size and are borne almost uniformly four on a stem. Certificate of merit American Sweet Pea Society. Pkt., 15c.

**Charm**—A glistening snow white of fine substance, delicately suffused blush pink; a dainty and pleasing flower on good strong stems. Certificate of merit. **Pkt., 15c; ½ oz., 40c; oz., 75c.**

**Orchid**—Extra large flowers borne three and four on long, strong stems; color a true deep Orchid lavender, a new color in sweet peas—Orchid is vigorous free blooming and was awarded a certificate of merit. **Pkt., 15c; 2 pkts., 25c.**

**Elfrieda Pearson**—Pale pink on white ground, a rare beauty; vigorous and very free blooming; classed as the best pink Spencer by National Sweet Pea Society of England. **Pkt., 15c.**

**"Duplex Cream"**—The standards are large, bold and beautifully curved. A vigorous grower and produces many fours. Color a deep rich cream. **Pkt., 15c.**

## NEW SPENCERS

### A Splendid Collection, Including the Best of the Recent Novelties.

The new "Spencer" type has lovely wavy and fluted flowers of gigantic size, and in exquisite colorings, length of stem, and lasting qualities are much superior to the older types. "Spencers," however, are very shy seeders and require much careful selection to develop fixed types. The seed is therefore scarce, and cannot be cheaply produced.

**America**—Spencer. The largest and finest of its class. Pure satiny white, striped and splashed brilliant crimson; four flowers of perfect form borne on long stem. **Pkt., 10c; ½ oz., 20c.**

**Apple Blossom Spencer**—A truly giant flower; color standard rose with deeper veining, wings light carmine, ground color primrose. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

**Asta Ohn**—Lavender, suffused with mauve; of perfect form, largest size, four blossoms on long, strong stems; very vigorous. **Pkt., 10c; ½ oz., 25c; oz., 45c.**

**Aurora Spencer**—Ground color cream white, exquisitely flaked and mottled; rich orange salmon, extra large, free-blooming. **Pkt., 10c; ½ oz., 20c; oz., 30c.**

**Constance Oliver**—A clear, rich pink on cream ground; of true Spencer type; best of its color. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

**Countess Spencer**—Pink. The first Sweet Pea of the Spencer type. Flowers extremely large, beautifully expanded, crumpled and waved. Color silvery white, suffused and tinted with soft shell pink, deeper at the outer edges. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

**Dainty**—Spencer. A pure, glistening white with distinct margining of bright rose pink; comes four blossoms on long stems. Dainty is all its name implies and is the best picotee edge yet produced; very large and wavy. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

**Ethel Roosevelt**—Spencer. Perfect Spencer form; ground color a pleasing primrose or straw, overlaid with dainty flakes and splashes of blush crimson, giving warmth and golden tinting to the yellowish ground work. **Pkt., 10c; ½ oz., 20c; oz., 30c.**

**Flora Norton**—Bright blue with just a tinge of purple, fine Spencer form. **Pkt., 10c; ½ oz., 20c; oz., 30c.**

**Florence Nightingale**—Spencer. Finest new lavender of immense size. Bold, erect flowers of charmingly soft, rich lavender with very delicate suffusion of rose; a beautiful, self-colored flower, frilled and waved. Bears four blooms on extra long stems. **Pkt., 10c; ½ oz., 20c; oz., 30c.**

**Geo. Herbert**—Our own select strain; a bright rosy-carmine, open form, beautifully waved; a magnificent, vigorous Sweet Pea of giant size. **Pkt., 10c; ½ oz., 20c; oz., 30c.**

**John Ingman**—Rich rose crimson, large flowers of good substance. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

**Helen Lewis**—A giant flower of perfect form; standard rich crimson orange, wings orange rose; open form, full, wavy. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

**Juanita**—A unique and pleasing combination of pearly gray white ground splashed and striped lavender. **Pkt., 10c; ½ oz., 20c; oz., 30c.**

**King Edward Spencer**—Bright crimson scarlet, largest size, wavy standard; drooping wings, very long stems; one of the finest bright reds. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

**Marie Correlli**—Rosy carmine tinted cherry red; beautifully waved. Award of merit R. H. S., 1911. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

**Majorie Willis**—A brilliant rose carmine of the Marie Corelli class and considered a better flower, of the finest Spencer form, the long stems carry four well-placed flowers; one of the best. **Pkt., 10c; ½ oz., 30c; oz., 50c.**

**Maude Holmes**—Spencer. Sunproof crimson of the largest size. Of true Spencer form, wavy and fluted. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

**Mrs. Routzahn**—Color, a soft straw tinted with blush pink, shading to apricot and rose at the edges, with a distinct rose margin, of immense size; one of the finest Spencers. **Pkt., 10c; ½ oz., 25c; oz., 40c.**

**Mrs. Watler Wright**—A distinct bright shade of rosy mauve, extra large, fine flower, waved and ruffled, vigorous and free-flowering. **Pkt., 10c; ½ oz., 30c; oz., 50c.**

**Othello Spencer**—Very deep maroon of largest Spencer type; wings very wavy, large graceful flower; bets of its color. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

**Paradise Ivory**—A grand ivory white Spencer of the finest form. Large flower of good substance on long stems. A vigorous tall grower. **Pkt., 15c; ½ oz., 40c; oz., 65c.**

**Primrose Spencer**—Color, a true primrose. Very vigorous, free-flowering, excels in beauty of form, length of stem and keeping qualities. **Pkt., 10c; ½ oz., 25c; oz., 45c.**

**Queen Alexandra**—Spencer. We will all welcome Queen Alexandra in Spencer form, as there is no better bright, intense scarlet, sunproof Sweet Pea. Of large, waved form. Free-flowering and vigorous. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

**Ramona Spencer**—Pure white with light carmine and blush stripes; large, good form, free-flowering. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c.**

**Satin Queen Spencer**—A new, delicate glistening pink, shading to a dainty primrose; a most charming flower of graceful poise, large wavy and ruffled, free-flowing, long stems, a royal beauty. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c.**

**Senator**—Spencer. Of finest Spencer form and largest size. The coloring is a combination of deep claret and chocolate, striped and flaked on a light heliotrope ground. The coloring, though dark, is brilliant and attractive. A free-flowering vigorous grower of greatest merit. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c.**

**Thomas Stevenson**—The most brilliant orange scarlet, standard of deeper color than the wings. The flowers are of the finest Spencer form and generally come four to the stem. **Pkt., 20 seeds, 10c;  $\frac{1}{2}$  oz., 40c; oz., 75c.**

**Vermilion Brilliant**—An intense pure scarlet self-color of rare beauty and substance. Absolutely sunproof. Vermilion Brilliant is the finest flower of its color. A stocky, vigorous, grower, profuse bloomer, the long, strong stems carry four perfect flowers. **Pkt., 15c;  $\frac{1}{2}$  oz., 75c.**

**White Spencer**—A pure white flower of enormous size, beautifully crinkled and fluted, of splendid substance. **Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c.**

### "UNWINS"

#### SPLENDID NEW SWEET PEAS IN THIS POPULAR CLASS.

The Unwins' resemble the Spencer type, although being of entirely different origin. They are not quite so large as the Spencers, but of fine form and substance, very vigorous and free-flowering, and always come true. In this respect they are superior and more dependable than Spencers, which often "sport" in the most unaccountable manner. For substance, color and bloom, Unwins are unsurpassed.

**PRICE, except where noted, Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.**

**Chrissie Unwin**—Beautiful cherry scarlet, self-color, wavy, standard finest form.

**E. J. Castle**—Crimson Rose. A magnificent open form flower of grandest size and unique coloring, being a rose crimson veined deeper rose, its brilliancy being enhanced by artificial light; fluted border.

**Gladys Unwin**—Light Pink. A large, bold flower, not hooded, but with standard and broad wings, of the new orchid-flower type, this is similar to Countess Spencer, but several shades lighter in its lovely pink color.

**Mrs. Duncan**—A brilliant scarlet similar to King Edward Spencer, but having the Unwin form and habit.

**Prince Olaf**—A fine new Unwin of largest size. Flaked and striped, blue on a white ground.

**Nora Unwin**—White. A grand pure white of the same beauty of form, waved and fluted standard and wings as Gladys Unwin. Award of merit at the trials of the N. S. P. S., Reading England, one of the finest whites.

**Frank Dolby**—Color, delicate light lavender of great beauty, bold, wavy standard with widely spreading fluted wings.

**Phyllis Unwin**—Deep Rose. The largest of the Unwin types, beautifully waved and crinkled, standard upright, wings broad. Flowers three or four on long stems. Color, a rare shade of deep rose, self-color.

**St. George**—Brilliant orange standard, the large wings a distinct orange carmine; does not burn in the sun; one of the best orange shades.

### GRANDIFLORA TYPE

#### Select List of Finest Large Flowering Sweet Peas, the Best of Their Color and Type

Prices, unless otherwise stated, 5c per pkt.; 15c per oz.; 40c per  $\frac{1}{4}$  lb.; \$1.25 per lb., postpaid.

##### White

**Dorothy Eckford**. Pronounced by Sweet Pea Experts to be the grandest pure white yet seen of the grandiflora type. Grows an enormous mass of bloom.

##### Red, Scarlet and Maroon

**Queen Alexandra**. An intense bright scarlet of grand substance; a bold, robust flower of giant size and finest form, is sunproof, very vigorous and free-flowering.

**King Edward VII**—A lovely, intense crimson. A truly giant flowered variety. The finest crimson to date. Strong stems and growth.

**Prince of Wales**—Rose crimson. Fine sort.

**Black Knight**—Large size; a rich, dark claret, almost black; somewhat veined.

##### Pink and White

**Earliest of All**—An improved strain of the very popular Blanche Ferry, beginning to flower fully a week earlier.

**Blanche Ferry**—Standard wide and erect, bright rose pink, wings are creamy white, tinted with rose.

##### Blue and White

**Helen Pierce**—The most beautiful bright shade of true blue mottled on a brilliant pure white ground; 3 or 4 blossoms on a long stem. A grand flower of the largest size; very free and vigorous. **Oz., 15c;  $\frac{1}{4}$  lb., 50c.**

**Lottie Eckford**—Flowers beautifully shaded with light blue on a white ground and boldly edged deep, rich violet; very dainty.

**Sow Your Sweet Peas in September and Have Early Flowers.**

**Pink—Deep Shades**

**Boltons Pink**—A rare orange pink of great brilliancy and beauty, not injured by the sun. Oz., 15c;  $\frac{1}{4}$  lb., 35c.

**Janet Scott**—A large, grand flower; deep, rich pink.

**Pink—Light Shades**

**Countess of Latham**—Fine large flowers. A soft, cream tint heavily shaded with soft flesh pink in the center of the standard and wings shading much lighter at the edges.

**Dainty**—Large flowers, white with pink edge.

**Lovely**—The most beautiful shades of soft shell-pink, changing to very light rose at the outer edges. Grand flowers of large size.

**Prima Donna**—A most beautiful bright shade of blush-pink. Flowers of a large size and finest form.

**Cream or Light Yellow**

**Golden-Rose**—The large flowers are of fine open form, with standard gracefully fluted. A clear crimson yellow, beautifully flushed with rosy pink.

**Hon. Mrs. E. Kenyon**—Rich, primrose. A bold, giant flower. The best in this shade.

**Sybil Eckford**—A unique shade of apricot-lemon, one of the finest Eckfords.

**Mrs. Collier**—A true primrose of fine form.

**Double Sweet Peas**

**Phenomenal**—This variety is practically a double Lottie Eckford, being white shaded and edged with blue. The blossoms are large and nearly always double. Pkt., 10c;  $\frac{1}{2}$  oz., 20c.

**White Wonder**—Best double white, often producing 6 or more flowers on long stems; large, free-blooming and vigorous. Pkt., 10c;  $\frac{1}{2}$  oz., 20c.

**SWEET PEAS IN MIXTURE****P. S. N. Seed Co. Mixture**

This is the most perfect blend of the finest named varieties it is possible to produce. As formerly, this mixture will contain the novelties of the preceding season, and the addition of the rare Spencer types will make this the grandest mixture of new, large-flowering Sweet Peas we have ever offered. It will delight the most critical; if you are undecided as to the varieties or colors you want, buy the Puget Sound Mixture." Sold in 1-oz. sealed pkts. only, at 15c each; 2 for 25c; 12 for \$1.25. Not sold in bulk.

**OUR SUPERB MIXTURE****True Spencers Only**

A splendid mixture, carefully proportioned and blended to produce pleasing and harmonious combinations of color, containing the most beautiful shades and variations of the wonderful Spencer type. These

**Mixed**—These have two or three standards and frequently three wings. The petals are beautifully incurved and frilled. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.00.

**Lavender**

**Flora Norton**—A beautiful rich lavender, free from mauve or pink; large.

**Lady Grisel Hamilton**—Most attractive light lavender shading; flowers of large size. Oz., 15c;  $\frac{1}{4}$  lb., 30c.

**Blue and Purple**

**Captain of the Blues**—The flowers have the appearance of being a true blue.

**Mrs. Geo. Higginson, Jr.**—A new shade, "sky blue"; good size.

**Lord Nelson, or "Brilliant Blue"**—A brilliant dark navy blue with tips of wings a lighter blue. Giant flowers, slightly hooded.

**Orange and Salmon**

**Henry Eckford**—A distinct orange scarlet of the finest form and largest size; as beautiful under artificial lights as in day-light.

**Lady Mary Currie**—Large, salmon-pink, shaded with carmine; finest of its color.

**Miss Willmott**—Described as an "orange pink" delicately shaded rose. Enormous flowers, borne erect on long, stiff stems.

**Venus**—Lovely salmon-buff, shaded with rosy pink. Fine, large flowers.

**Rose du Barry**—Deep carmine rose and orange. While of the grandiflora type, Rose du Barry is large, full and slightly waved. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 60c.

**Striped and Variegated**

**America**—Bright red on a silvery white ground; showy.

**Jessie Cuthbertson**—Creamy white striped rich rose; large.

**PERENNIAL PEAS****Or Lathyrus Latifolius**

In general appearance these are the same as Sweet Peas, but the flowers are not so fragrant, they bloom through a long season, are perfectly hardy and will live for years. Red, White or Mixed. Pkt., 10c; oz., 35c.

**SPECIAL MIXTURES TO ORDER**

If you want to produce any special effect or color scheme, let us know your requirements. We can supply the correct color or mixture.

**Extra Mixed**—Select standard varieties of the finest colors. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 60c; lb., \$1.00.

## SWEET PEAS

### Christmas Flowering

For winter flowers under glass, sow as early as August and in succession as desired. They grow 4 to 5 feet high and will bloom in 60 to 90 days. Give carnation temperature.

**Pink Beauty**—Deep rose pink. **Pkt.**, 10c, oz., 25c.

**Christmas Pink.** Pink and white. **Pkt.**, 10c; oz., 25c.

**Wallacea**—New, lavender. **Pkt.**, 10c; oz., 25c.

**Mrs. Geo. Lewis**—White. **Pkt.**, 10c; oz., 25c.

### SCABIOSA

**Sweet Scabious, or Mourning Bride**—Free flowering annuals; colors, white, carmine, lilac, maroon, etc. Very effective for garden decoration and valuable for cutting. **Dwarf or Tall Double Mixed.** **Pkt.**, 5c;  $\frac{1}{4}$  oz., 15c.

### SMILAX

Charming, tender, perennial climber for greenhouse or window gardens. The foliage and stems are of pleasing light green; very graceful; excellent for decoration. (See Plants). **Pkt.**, 10c;  $\frac{1}{4}$  oz., 25c.

### SNAPDRAGON

#### Antirrhinum

One of the most useful and showy of border plants of almost every color, and striped as beautifully as Carnations. They have recently been much improved and are now really magnificent. Hardy perennial. **Tall, Finest Mixed**—**Pkt.**, 10c;  $\frac{1}{4}$  oz., 25c. **Dwarf, Finest Mixed**—**Pkt.**, 5c;  $\frac{1}{4}$  oz., 25c. **Pure White, Dwarf**—**Pkt.**, 10c;  $\frac{1}{4}$  oz., 30c. **Firefly, Dwarf; scarlet**—**Pkt.** 10c;  $\frac{1}{4}$  oz. 30c.

### SUNFLOWER

#### Helianthus

Stately growing annuals with immense golden yellow flowers; effective for garden decoration.

**Double Dwarf**—Covered with three-inch double flowers of brightest golden yellow. **Pkt.**, 5c; oz., 25c.

**Globosus Fistulosus**—Saffron, very large, double and handsome. **Pkt.**, 5c; oz., 25c.

**Multiflora**—Beautiful, double yellow flowers. **Pkt.**, 5c; oz., 25c.

**Mammoth Russian** (See Field Seeds)—**Pkt.**, 5c.

### SWEET WILLIAM

#### Dianthus Barbatus

A well-known, remarkably free-flowering plant of brilliant colors, ranging from snow white to darkest crimson and purple. They emit a very delicate and refreshing fragrance. Hardy perennial.

**Single Mixed**—Very beautiful. **Pkt.**, 5c;  $\frac{1}{2}$  oz., 25c.

**Dunnettii**—Dark crimson, single. **Pkt.**, 5c;  $\frac{1}{2}$  oz., 30c.

**Pure White**—Single. **Pkt.**, 5c;  $\frac{1}{2}$  oz., 30c.

**Double Mixed.** **Pkt.**, 10c;  $\frac{1}{2}$  oz., 50c.

### THUNBERGIA

Rapid growing annual climbers; splendid for trailing over trellises, fences, etc., beautiful flowers borne in profusion; buff white, orange, etc., four to six feet high. **Mixed Colors**—**Pkt.**, 5c;  $\frac{1}{4}$  oz., 25c.

### TRITOMA

Sometimes called Red Hot Poker. This is a fine, handsome plant. It is hardy, though

requiring some protection through the winter. The flowers are produced in large spikes of brilliant rich colors. Cut flowers keep a long time. Half-hardy perennial.

**Uvaria**—Dazzling orange red. **Pkt.**, 15c.

### VINCA

Tender perennial. Fine for pot culture. Flowers white and pink. **Mixed**—**Pkt.**, 10c;  $\frac{1}{4}$  oz., 30c.

### VERBENA

Very few annuals will make such a gorgeous display during the summer months, or furnish more flowers for cutting, than the Verbena. Start seed in the house or under glass early in the spring and transplant after three or four inches of growth. They flower in July and continue strong and healthy until destroyed by frost.

**Hybrida Choicest Mixed**—Very finest. **Pkt.**, 10c;  $\frac{1}{4}$  oz., 50c.

**Mammoth Mixed**—Selected; extra large, fine. **Pkt.**, 15c;  $\frac{1}{4}$  oz., 75c.

**Fine Mixed**. **Pkt.**, 5c;  $\frac{1}{4}$  oz., 35c.

**Candidissima**—Pure white. **Pkt.**, 10c;  $\frac{1}{4}$  oz., 50c.

**Scarlet Defiance**—Fiery Scarlet. **Pkt.**, 10c;  $\frac{1}{8}$  oz., 50c.

**Pink Shades**—**Pkt.**, 10c;  $\frac{1}{4}$  oz., 50c.

**Coerulea**—Bright Blue. **Pkt.**, 10c;  $\frac{1}{4}$  oz., 50c.

### VIOLET

**Viola Odorata** is the well known English Violet, a free-flowering, hardy perennial. Easily grown from seed, though somewhat slow in germinating; succeeds best in partially shaded moist places.

**The Czar**—Finest forcing Violet. Very large; dark blue. **Pkt.**, 15c;  $\frac{1}{8}$  oz., \$1.00.

**Odorata Blue**—Very fragrant. **Pkt.**, 10c;  $\frac{1}{8}$  oz., 50c.

**Odorata White**—Very fragrant. **Pkt.**, 10c;  $\frac{1}{8}$  oz., 50c.

**Odorata**—Finest Mixed. **Pkt.**, 10c;  $\frac{1}{8}$  oz., 75c.

### VALERIANA

#### Garden Heliotrope

Fine border plants; sweet scented flowers. **Fine Mixed**—**Pkt.**, 5c;  $\frac{1}{4}$  oz., 20c.

### VISCARIA

#### Rose of Heaven

Their profusion of bloom will always rank them among general favorites. **Fine Mixed**—**Pkt.**, 5c;  $\frac{1}{4}$  oz., 15c.

### WALL FLOWER

#### Cheiranthus Cheri

Produces spikes of beautiful, exceedingly fragrant flowers. Half hardy perennials.

**Cloth of Gold**—Large, fine, single. **Pkt.**, 10c;  $\frac{1}{4}$  oz., 35c.

**Goliath**—Single, extra large, fine dark brown, very early; fine for forcing. **Pkt.**, 10c;  $\frac{1}{4}$  oz., 50c.

**Mixed, Single**—Large flowering. **Pkt.**, 5c;  $\frac{1}{4}$  oz., 25c.

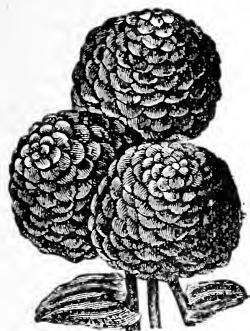
**Parisian Forcing**—Single. **Pkt.**, 10c;  $\frac{1}{4}$  oz., 25c.

**Finest Double Mixed.** Branching. **Pkt.**, 10c;  $\frac{1}{8}$  oz., 75c.

**ZEA****Ornamental Maize**

**Japonica Variegata**—Finest Mixed. All varieties. Pkt., 5c; oz., 20c.

**Gracillima Mixed.** Pkt., 5c; oz., 20c.

**ZINNIA ELEGANS**

Of the easiest cultivation and should be in every collection. Half hardy annuals.

**Tall Double Mixed.** Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

**Dwarf Double Mixed.** Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

**Dwarf Scarlet.** Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

**P. S. N. & Seed Co. Quality****Roses**

**P. S. N. & SEED CO.'S QUALITY ROSES** are large, sturdy, two-year-old, field-grown roses that will give you splendid flowers the first season. They are true to name and our list includes the best of the well known popular varieties, the most meritorious of recent novelties and the Gold Medal roses of the famous European growers.

Your Rose Order entrusted to us will insure careful selection and no substitution. If you do not find what you want in this

catalog write us. Our excellent connections with the great centers of production enable us to supply any variety in commerce.

**ABBREVIATIONS**

**T.—Tea**—One of the best classes of roses, and truly ever blooming. They are hardy in this section, frequently wintering without any protection, although during our coolest weather and in cold sections they should be protected with a covering of fir boughs, straw or burlap.

**H. P. Hybrid Perpetual**—The hardiest of all roses, vigorous in growth and easy of culture, producing large flowers, fine in form and fragrance.

**H. T.—Hybrid Tea**—Most of these are as free flowering and as constant bloomers as the teas, and are hardier, but, as a rule, not so hardy as the H. P.'s.

**PLANTING AND CARE**

In our favored section, Roses attain a perfection seldom equalled, but you can not expect them to thrive and bloom unless you care for them. We offer the following simple suggestions.

**Soil**—Any good, well drained garden soil enriched with fertilizer will give excellent results. If heavy clay soil mulch well with burnt earth and manure, rotted sod of leaf mold.

**Watering**—When setting out, water regularly until roots are well set; then about once a week unless the ground is very dry; in such cases more often. Do not get the foliage wet after a hot day. This causes mildew.

**Shipping**.—We always send all our two-year-old rose bushes charges collect by express or freight, packing them so they will carry safely even though they should be on the road for two weeks or more.

If necessary, we can send small two-year-old bushes by mail at an additional cost of 7c each to cover postage, but in such cases we always prune the tops and roots ready for planting.

**Prices**—35c roses, \$3.00 doz.; 40c roses, \$4.00 doz.; 50c roses, \$5.00 doz.; 60c roses, \$6.00 doz.; 75c roses, \$8.00 doz.; \$1.00 roses, \$10.00 doz.

**IMPORTANT—Young Roses** quoted in this Catalogue Furnished During Month of April Only.

**BEAUTIFUL ROSES OF RECENT INTRODUCTION**

Magnificent new roses imported direct from famous Irish and Continental growers.  
Two-Year-Old Field Grown Plants Only.

**British Queen**—(H. T.) Pure white large, full flowers of exquisite form, opening freely in all weathers; promises to be one of the best white roses for bedding and cutting. Surpassing "Druschi" in beauty of form and purity. **Each, \$1.25.**

**George Dickson**—(H. T.) Very strong and vigorous, upright growth, flowers of the largest size; perfect in shape and unique in color, being a velvety blackish crimson with the back of the petals heavily veined with pure crimson maroon. Delightfully scented. **Each, \$2.00.**

**Lady Mary Ward**—(H. T.) Free, vigorous and hardy, color rich orange, shaded deeper orange with metallic veneering; very brilliant splendid for bedding and cutting. **Each, \$3.00.**

**Lyon**—(Pernetiana.) The Lyon is a very

beautiful shrimp pink with salmon and chrome yellow shadings. Large, coralred buds, beautifully formed; full, globular flower of rare beauty; a continuous and free bloomer. Lyon is the "perfect rose," only one scoring 100 points. Gold medal and special certificate awards. **Each, 50c.**

**Juliet**—(H. B.) A magnificent new rose, the color being a wonderful combination of old gold on the outside of petals and a rich, rosy red on the inside. Flowers are large, full and delightfully scented. The foliage is luxuriant and beautiful. Juliet is a vigorous and abundant grower and the most pleasing and distinctive novelty ever offered. We have an extra choice, though limited stock of large, field-grown two-year-old plants. **Each, \$1.00.**

**Old Gold**—(H. T.) A splendid garden rose of vivid reddish orange color with

**DOROTHY PERKINS FOR THAT BANK !**

coppery red and coppery apricot shadings. Flowers are medium size and moderately full. Fine for bedding. **Each, \$3.00.**

**Queen Mary**—(H. T.) Vigorous, free branching growth, a bedding and garden rose of great beauty and refinement, flowers medium size and fine form, color lemon chrome, bordered at the edge with pure, deep carmine; a charming combination affording a most delightful contract. **Each, \$3.00.**

**Rayon d'Or**—(Pern) Flowers are large, full, open freely, keep well and are borne in greatest profusion. Buds long, pointed, of deep orange cadmium smeared claret, opening to a rich sun-flower yellow, which does not fade. Foliage is deep, glossy green; strong growing, free branching and absolutely free from the attack of mildew. This splendid new rose, a cross between Melaine Soupert and Soleil d'Or, is producing a greater sensation than was caused by Lyon, both these wonderful varieties originating from the same source. **Each, \$1.00.**

### FIVE RARE NEW IRISH ROSES

**Price:** Young plants, 25c each; set of 5 sorts, \$1.00; two-year-old plants, \$1.00 each.

**Countess of Shaftesbury**—(H. T.) A splendid new pink of the most ideal type of Hybrid Tea; flowers are large, perfect in form and produced in the greatest profusion. The color is a bright, silvery carmine mottled and flushed shell pink, giving a picotee effect; a fine exhibition rose, being a gold medal winner and the best pink rose for massing or garden. **Each, \$1.00.**



**Edward Mawley**—(H. T.) Flowers large and full, of finest form, with beautiful, long pointed buds; color deep, rich, velvety crimson which does not fade; flowers keep well when cut; growth is vigorous, upright and branching, with handsome foliage. Edward Mawley is one of the finest red roses ever offered, being a decided advancement in its class. Two-year-old, field-grown plants. **Each, \$1.00.**

**Mrs. Chas. E. Allan**—(H. T.) A delightful garden rose of a delicate and novel coloring, opening a pale orange and changing to ochre as the flower opens. Buds are long, pointed, and flowers are full on good stems, flowers freely every shoot producing a bloom. A vigorous grower and one

of the finest garden roses ever introduced. **Each, \$1.00.**

**Lady Alice Stanley**—(H. T.) This grand new gold medal rose is large, very full and of splendid substance; petals shell-shaped, pointed, giving perfect form to the flowers, which are a lovely, deep coral, inside pale flesh; deliciously fragrant and are very lasting. A free grower and a profuse and constant bloomer. Two-year-old plants. **Each, 75c.**

**Mrs. Foley Hobbs**—A veritable giant among Tea Roses. Color, delicate ivory white, delicately tinged pink on edge of petals; deliciously scented; a great bedding rose. **Each, 75c.**

### SUNBURST QUARTETTE NEW YELLOW ROSES

Four of the Most Popular New Yellow Roses. All are Fine Garden Roses.

**Price:** Young Plants, 25c each; set of 4 sorts, 80c each. Two-year-old plants, 75c each.

**Lady Hillingdon**—(T.) Deep apricot yellow, long and pointed bud, a fine forcing or garden rose, excellent for cutting. Flowers are of a good substance, very lasting and foliage handsome and luxuriant. Lady Hillingdon is considered the best decorative rose in its class. This aristocratic beauty is a seedling from Papa Gontier and Madame Hoste. Two-year-old plants. **Each, 75c.**

**Sunburst**—(H. T.) The finest of all yellow roses with long pointed buds carried singly on good stems. Flowers large, full and of most beautiful form, color a superb Cadmium yellow with orange yellow center. The foliage is a handsome bronze green; a vigorous grower and good both as a forcing garden rose. **Each, 75c.**

**Mrs. Aaron Ward**—(T.) One of the most delightful roses of recent years in color that catches the eye at once—a deep golden orange color shading out to lemon or to creamy yellow at the edge of the petals. Some describe the rose as an Indian yellow. The buds are cupped and very deep, showing the glowing heart to the best advantage. Flowers very large, very full, of exquisitely refined form. One of the most beautiful roses in existence. **Each, 60c.**

**Reine Mere d'Italia**—Apricot ochre yellow, medium sized, full flowers, very freely produced. Dainty and beautiful. **Each, 60c.**

### EIGHT GRAND NEW GARDEN ROSES

These splendid free blooming Roses are newer varieties that are becoming more plentiful and can be offered at a very low price. In this list you will find many famous prize winners and some of the most beautiful and popular roses.

**Price of young plants, 20c each; set of 8 sorts, \$1.50; 2-year-old plants, 50c each; unless otherwise marked.**

**Dorothy Page Roberts**—(H. T.) Coppery pink, suffused with apricot yellow, very free and perpetual, a delightful garden rose.

**Duchess of Portland**—(H. T.) One of the best Dickson introductions; a lovely pale yellow with thick, leathery petals, full and perfect form; hardy, robust rose,

Win a Rose Prize with Our Sunburst Quartette.

blooming earlier and more freely than the "Kaisserin," long stems; lovely in bud and flower and a good keeper. Gold medal N. R. S.

**Jonkeer J. L. Mock**—(H. T.) A magnificent and unique rose. Inside of petals, red, outside silvery blush white. Of fine form, good substance and largest size. A strong, rapid grower. Awarded eight prizes at the recent European shows.

**Joseph Hill**—(H. T.) Salmon pink shaded yellow. Outside petals yellow suffused copper, a large, free blooming rose of elegant form. 60c.

**Le Progress**—(H. T.) Nankeen yellow, opening to saffron yellow; large, full and cupped, opening freely; a grand rose, always in flower.

**Madame Melanie Soupert**—(H. T.) Splendid new orange yellow shaded pink; beautiful long-pointed buds, large size, free blooming; a strong, upright grower; best of its color.

**Mrs. Arthur Waddell**—(H. T.) A strong, grower, foliage highly ornamental. Large, long pointed buds of a bright, rosy scarlet, a finely formed flower of a rich apricot or salmon color.

**Pharisaer**—(H. T.) Rose, shaded salmon; blooms freely; opens well, is large and of finest form. A free and constant bloomer.

## RARE ROSES OF RECENT INTRODUCTION

**Price:** Young plants, 15c each; 4 for 50c. Two-year-old plants, 40c each; 6 for \$2.00.

**Avoca**—(H. T.) Deep scarlet crimson flowers of perfect form; very fragrant; a fine exhibition or garden rose; vigorous, free bloomer.

**Betty**—(H. T.) Beautiful coppery rose color, overspread with golden yellow. Deliciously fragrant; very large, fairly full and of glorious form. Superb decorative variety for the garden; fairly glows with brilliancy.

**Countess of Gosford**—(H. T.) Clear salmon pink, base of petals shading to saffron yellow, very vigorous; perpetual bloomer.



**Frau Karl Druschki**—(H. P.) The white American Beauty. Makes splendid buds and immense flowers; perfectly double and

delightfully fragrant; large, thick petals; bright, shining green leaves, elegantly veined; a healthy, vigorous grower, and a constant and abundant bloomer.

**Florence Pemberton**—(H. T.) Creamy white, suffused pink. Flowers very large and full, of perfect form and wonderful substance.

**Franz Deegan**—(H. T.) This beautiful yellow Hybrid Tea is a fine grower, having dark, leathery foliage and the good habit of throwing up numerous heavy canes, each one crowned by a glorious flower of large size.

**General McArthur**—(H. T.) Dazzling crimson scarlet; a grand American rose of ideal form, delicious perfume and magnificent foliage. Blooms continuously in great profusion; the grandest red rose for garden or cutting.

**Hugh Dickson**—(H. P.) Glowing, crimson-shaded scarlet; large, full, perfectly formed, delightful perfume, strong grower, perpetual bloomer (should be cut back freely). After careful comparative tests, we believe Hugh Dickson is the best hardy red garden rose to date.

**J. B. Clark**—(H. T.) One of the finest of new roses. Its glorious flowers are intense scarlet, shaded blackish crimson, of giant size, finely formed and fragrant; growth vigorous and upright.

**Killarney**—(H. T.) The new Irish Beauty. Color an exquisite shade of deep shell-pink. Buds are exceptionally long and beautifully formed.

**Lady Ashtown**—(H. T.) One of the finest pinks of a rich, deep, silvery tone; flowers large, perfect form; free blooming; vigorous.

**Mrs. David Jardine**—(H. T.) Delightful shade of bright, rosy pink, shading in outer petals to salmon pink; large, perfect form; very highly perfumed; a grand rose.

**Madame Phillippe Rivoire**—(H. T.) Beautiful apricot yellow and Nankeen yellow center, reverse of petals carmine; large, full and globular; a splendid, free blooming rose.

**Mad. Segond Webber**—(H. T.) Pure, rosy salmon, vivid center, large, full and perfectly formed flower, flowering freely and continuously on stiff erect stems.

**My Maryland**—(H. T.) Beautiful, bright pink, with paler edges; delightfully fragrant; robust grower and very free flowering; flowers full and good keeper. The best pink of its color; especially fine for florists, as well as being one of the grandest garden roses.

**Prince de Bulgaire**—(H. T.) Very vigorous grower, with large, bright green foliage; beautiful form of bud, flower very large and full. The outer petals are extremely large, of superb rosy flesh color; center of flower bright red, very fine and free.

**White Killarney**—(H. T.) The finest ever-blooming white rose for cut flowers. The long pointed buds are of ideal form, petals purest white and heavy wax-like texture, remaining a long time in bud. Flowers are full and beautiful when open and are very lasting.

**W. E. Smith**—(T.) Maidenblush. A superb new rose of American origin, producing elegantly shaped buds and open flowers of much beauty. Of exquisite silvery pink color and sweetly perfumed.

## TWO NEW SINGLE IRISH ROSES

**Irish Elegance**—(S.) Large, single single, golden bronze flowers of great beauty, free and constant bloomer, with deep bronze foliage; a fine buttonhole rose. These single roses make a charming garden display, blooming profusely, and are also splendid for exhibition. **Each, 50c.**

**Irish Simplicity**—(S.) Almost single, pure white and of immense size. The great size and substance of the petals which are slightly cupped and the golden yellow anthers may readily bring to mind the comparison to a huge water lily. Vigorous grower with handsome deep green foliage. **Each, 50c.**

## POTLATCH COLLECTION CHOICE ROSES

**One-year-old plants, 15c; set of 12 sorts, \$1.25. Two-year-old plants, 35c; set of 12 sorts, \$3.00.**

**American Beauty**—(H. P.) One of the largest, sweetest and best. Color, rich, rosy crimson, shaded and veined in the most charming manner.

**Belle Siebrecht**—(H. T.) A true, solid pink of the richest shade, a rare color. The flowers are sweetly perfumed, and large, beautifully formed, of long, tapering shape, with high center, and when half blown the petals reflex in a graceful manner.

**Deal Hole**—(H. T.) Beautiful silvery carmine, shaded bright golden pink; grand flowers of great substance, perfect in form; vigorous, free branching habit; continuous bloomer; one of the best exhibition roses. Gold medal. N. R. S.

**Kaiserin Auguste Victoria**—(H. T.) A beautiful rose with elegant, large pointed buds and very large, full double flowers; color delicate creamy white; deliciously fragrant. A strong, healthy grower and constant bloomer.

**Madame Caroline Testout**—(H. T.) A grand rose of the La France type, but with flowers larger and finer. Color, bright satiny pink; very fragrant and free in bloom. The official "Carnival Rose."

**Lady Battersea**—(H. T.) This variety has long, oval buds, sharply pointed; very striking in form. The color is a bright, cherry crimson.

**Madame Abel Chatenay**—(H. T.) Color, beautiful rosy carmine, with darker shadings. Very richly colored. One of our finest varieties.

**Maman Cochet**—(T.) This is one of the most beautiful Tea roses we list. The color is a deep rosy pink, the inner side of the petals silvery rose.

**Richmond**—(H. T.) The most vivid of ever-blooming red roses, buds and flowers of the most perfect and desirable form. The best of its color.

**Souv. de Pierre Notting**—(T.) Very large, perfectly full, of elegant form; has a beautiful long bud; color, orange yellow, bordered in carmine rose.

**Souv. de President Carnot**—(H. T.) Lovely shell-pink, delicately tinted with golden fawn on rich creamy white. Superb for bedding in open ground. Makes splendid buds for Summer cutting.

**White Maman Cochet**—(T.) White, grand substance, immense size, exquisitely fragrant and a free bloomer; buds long and pointed.

## RAINIER COLLECTION OF BEAUTIFUL ROSES

**One-year-old plants, 10c; set of 14 sorts, \$1.25.**

**Cecile Brunner**—(Poly.) Bright rose, yellowish in center; very sweet; dwarf polyanthus.

**Clara Watson**—(H. T.) A bright salmon rose tinted peach, good form: a vigorous grower.

**Etoile de Lyon**—(T.) Blooms freely, and every flower is a gem, equaling the Marechal Neil in size. Sweet scented; color, rich golden yellow.

**Gruss an Teplitz, or Virginia R. Coxie**—(H. T.) Color, fiery crimson, with a dark velvety sheen, very fragrant. The freest blooming rose.

**La France**—(H. T.) Both flowers and buds are of grand size; color, a silvery rose, changing to pink. A general favorite. Sweetest of all roses.

**Marie van Houtte**—(T.) Of a fine, faultless straw-yellow color; outer petals washed and outlined with a bright rosy carmine.

**Papa Goutier**—(T.) Large and semi-double; a vivid cherry red color, shaded yellow, reverse of petals crimson.

**Perle des Jardins**—(T.) A clear, golden yellow, an indescribably rich and beautiful shade.

**Rainbow**—(H. T.) Buds and flowers of large size, color a beautiful shade of deep pink, distinctly striped and mottled with brilliant crimson, elegantly shaded and toned with rich amber.

**Safrano**—(T.) Bright apricot yellow, tinted orange and fawn.

**Viscountess Folkestone**—Flowers borne on strong stems, with thick foliage; color, delicately tinted flesh, almost white, with beautiful satin finish.

**White La France**—(H. T.) This magnificent rose is a pure white La France, having just a breath of rose-tinted blush.

## TWELVE FINE HYBRID PER- PETUAL ROSES

**Price, 15c each; set of 12 sorts, \$1.25, postpaid; 2-year-old plants, 35c each; set of 12 sorts, \$3.00.**

**Anna de Diesbach**—(H. P.) Beautiful, clear, carmine pink; very large, full and delightfully fragrant.

**Baron de Bonstetten**—(H. P.) Splendid, large flowers, very double and full; color, rich, dark red, passing to deep velvety maroon.

**Clio**—Vigorous growth; large, handsome foliage; flowers flesh color, shaded in the center with rosy pink.

**Conrad F. Meyer**—(Rug.) Beautifully silvery pink, of grand form and delicious fragrance, hardy in any climate, its handsome foliage makes it most valuable for a flowering hedge.

**General Jacqueminot**—(H. P.) Bright shining crimson; very rich and velvety.

**Mrs. R. G. Sharman Crawford**—(H. P.) Lovely deep rose pink, outer petals shaded pale flesh, base white, a new and unique shade. Large perfect flowers, free blooming; a grand Autumn rose.

**Gloire Lyonnaise**—(H. P.) Color, chamois yellow, deepest at the center, passing

to creamy white; large, full, sweet and very distinct.

**Margaret Dickson**—(H. P.) Magnificent form; white, with pale flesh center; petals very large, shell-shaped, and of great substance; fragrant.

**Mrs. John Laing**—(H. P.) Very free flowering; color, a soft, delicate pink, with satiny tinge.

**Paul Neyron**—(H. P.) Deep, shining rose, double and handsomely formed; blooms freely, the largest variety in existence.

**Prince Camille de Rohan**—(H. P.) Very dark, rich velvety crimson, passing to intense maroon, shaded black; regarded as the best of its color.

**Ulrich Brunner**—(H. P.) A magnificent rose, extra large, bold flowers, full and globular; petals large and of good substance; color, rich, glowing crimson, elegantly flamed with scarlet.

## CLIMBING AND PILLAR ROSES

**Price**, 15c each; any four sorts, 50c. Two-year-old bushes, 35c each (except as noted.)

**Aard's Pillar**—Rich velvety crimson; fine large, full flower, cupped form; a fine hardy, free-blooming, free-growing garden rose.

**American Pillar**—Wich. A very beautiful bright pink with yellow anthers. The splendid large single flowers are borne in great clusters. **Price**, 2-year, 50c.

**Climbing Belle Siebrecht**—(C. H. T.)—Flowers identical with bush type; vigorous climber; hardy.

**Climbing Kaiserin** (Mrs. Robert Peary)—Flowers fine, ivory white, of heavy texture, and large size.

**Climbing La France**—Identical with the well-known La France; vigorous climber.

**Climbing Lady Ashtown**—Strong, vigorous climbing sport of this well-known valuable rose. **Price**, 50c.

**Climbing Madame Caroline Testout**—Covered during the whole season with immense globular flowers of the same beautiful shade of pink as seen in the bush sort.

**Climbing Meteor**—Rapid grower; rich, dark velvety crimson flowers.

**Climbing Papa Gontier**—(T.) A "Native Sport" from the favorite bush "Papa Gontier".

**Climbing White Maman Cochet**—The introducer describes this as identical with the bush type; vigorous free bloomer. **Price**, 50c.

**Dr. Van Fleet**—A new Hybrid Climber of great beauty, bearing freely. Large, fully double blooms of a dainty flesh pink with rosy center flowers of perfect form with reflex petals and are carried on long stems, making this a desirable variety for cutting. Foliage is luxuriant bronze green. A cross of Pres. Carnot and Wichuriana. **Price**, 2-year, 50c.

**Duchess d'Auerstadt**—A splendid climber of the Marechal Neil type, being a more vigorous and hardy rose. Color is a fine, rich yellow, flowers are large, full and open freely.

**Gainsborough**—Graceful flower of dainty shell pink color and satiny finish. Hardy, ever-blooming and a free climber.

**Gloire de Dijon**—An old favorite, noted for its free flowering, its delicate tea scent, and its shades of color, being a blending of amber, carmine and cream.

**Madame Alfred Carriere**—Extra large, full flowers, very double and sweet, and a most profuse and persistent bloomer; color, rich, creamy white, faintly tinged pale yellow and blush.

**Marechal Neil**—A magnificent deep golden yellow variety; so famous as to need no description; grown the world over for its immense yellow flowers; the finest rose of its color in existence.

**Pillar of Gold**—Rich golden yellow suffused copper and pink. Flowers are full, of fine form and delightfully fragrant. They are borne freely in clusters of from 5 to 10.

**Pink Cherokee**—A grand new climbing rose, of rare beauty and undoubted merit and entirely distinct from any other climbing rose. The lovely single blossoms are 3 to 5 inches in diameter, saucer shaped and of a beautiful shade of light pink. **Price**, 2-year, each 50c.

**Silver Moon**—A magnificent white climber, cross of Wichuriana and Cherokee, large, semi-double blooms of good substance with golden stamens. Flowers are carried on long stems. Foliage is abundant, delightfully fragrant, of a bronze green color and is immune to mildew. **Price**, 2-year, each 50c.

## PILLAR COLLECTION CLIMBING ROSES

**Price**: Postpaid, 10c each; set of 6 sorts, 50c. Two-year-old plants, 35c each.

**Beauty of Glozenwood**—Bronzed yellow or copper and fawn color. One of our grandest climbing roses. Very hardy and a free bloomer.

**Climbing Cecil Brunner**—Strong rampant climber, ever-blooming clusters of pretty pink flowers, especially beautiful in bud. A gem among climbing roses.

**La Marque**—Flowers of good size, borne in large clusters; color, pure white.

**Reine Marie Henriette**—A strong, vigorous grower; flowers large, full, and of fine form; color, glowing crimson, elegantly shaded.

**Reve d'Or (Climbing Safrano)**—Color apricot yellow, with orange and fawn tints; petals of superb and delicate texture.

**William A. Richardson**—Color, rich coppery yellow, flushed with carmine; a very beautiful variety, having few equals.

## MOSS ROSES

These old-fashioned Roses are coming into favor and we offer the following as best of their colors. **Price**, each, 35c; per dozen, \$3.00.

**Blanche Moreau**—Flowers pure white, large, sweetly perfumed; best white Moss Rose.

**Chapeau de Napoleon**—Splendid rich red, best of its color.

**Crested Moss**—Bright rose, light edging, well mossed.

**Salet**—Color, lovely satin rose; very full and of great beauty; one of the best.

## THE POPULAR RAMBLER ROSES

The Rambler Roses are strong, vigorous climbers, growing ten to twelve feet high in one season. They bear immense clusters of beautiful, fragrant flowers.

**Price:** One-year-old, 15c each; 4 sorts, 50c; two-year-old plants, 35c each.

**Dorothy Perkins**—Polyanthus type; color a beautiful bright shell pink; flowers large, very double; petals prettily crinkled; it blooms in large clusters of 30 to 40; a splendid keeper.

**Flower of Fairfield**—Everblooming crimson rambler, brilliant crimson, base of petals white, flowering in great profusion perpetually throughout the season. **Flower of Fairfield** is a true, everblooming, Crimson Rambler, a splendid grower and a great improvement over the old type; strong field-grown plants.

**Philadelphia Rambler**—An improved type of the favorite Crimson Rambler; color deeper, more brilliant and lasting; flowers perfectly double, borne in great profusion, much earlier than the old type; vigorous, luxuriant foliage, not so susceptible to mildew.

**Tausendschoen**—A lovely shade of soft pink, free blooming; a vigorous climber with splendid foliage.

**Veilchenblau (Blue Rambler)**—This is the Blue Rambler which created such a furor in Europe. It is a seedling from Crimson Rambler, with semi-double flowers produced in very large trusses. The flowers first open pink, but quickly change to a violet, or steel blue. Totally distinct and a wonderful Rose for pillar and porch decoration.

**White Rambler**—Flowers pure white, sometimes faintly tinged blush; flowers borne in immense clusters; very vigorous.

**White Dorothy**—As its name indicates, it is a sport from Dorothy Perkins, possessing all the fine qualities of that grand variety, but having pure, snow white flowers. This rose, we believe, will become a fixture in the list of climbing roses.

**Yellow Rambler**—Same type and growth as Crimson Rambler, except for color, which is a pure, bright yellow.

**Dwarf Baby Rambler**—(Dwarf Bush Type. A dwarf Crimson Rambler not over 18 inches high, producing large trusses of light crimson flowers; clean dark green foliage; it will flower the year around.

## STANDARD, OR TREE ROSES

Price of all Tree or Standard Roses, \$1.00 to \$2.00 each, according to size of head. Tree roses are budded, or grafted on hardy rose stocks about four feet high. They soon make good sized heads, forming a small tree; especially desirable for planting as single specimens, in backgrounds or rows along walks or driveways.

**Order any color or variety** you wish and we will send it or give you as good a substitute as possible. We aim to have the following varieties in stock.

<b>Mrs. Jno. Laing</b>	<b>Richmond</b>
Prince de Bulgarie	Baroness Rothschild
Lyon	Hugh Dickson
La France	Countess of Gosford
K. A. Victoria	Dorothy Perkins
Mme. Carol. Testout	Glorie de Dijon
Ulrich Brunner	Gen. MacArthur
Gruss an Teplitz	Marechal Neil
F. K. Druschke	Mme. Abel Chatenay
Baby Rambler	

We book orders for young roses at all times. Send in your Order now. Delivery by mail during month of April Only.

## FLOWER POTS

We carry a large and complete line of standard red clay Flower, Fern, Azalea Pots, Bulb Pans and Hanging Baskets and can make prompt deliveries at right prices.

**Florists, nurserymen and growers should send list of requirements for Special Prices.**

### FLOWER, FERN, AZALEA POTS OR BULB PANS ALL SAME PRICE.

Size—	Each	Dozen	Each	Saucers
2 inch	\$0.02	\$0.20		
3 inch	.03	.30		
4 inch	.04	.40	\$0.03	
5 inch	.07	.70	.04	
6 inch	.10	.90	.05	
7 inch	.12	1.20	.07½	
8 inch	.15	1.75	.10	
9 inch	.25	2.50	.15	
10 inch	.40		.20	
12 inch	.60		.35	
14 inch	1.50		1.00	

## SULPHO-TOBACCO PLANT AND ANIMAL SOAP

### An Inexpensive Insecticide

A sure, immediate and convenient exterminator of insect life and vermin on

plants, shrubbery, vines, small fruits and trees.

Non-poisonous and absolutely safe to handle. It will not injure the tenderest growth. A fertilizer, reviving plants wilted from the ravages of insects.

For domestic purposes, it is valuable as an exterminator of moths, carpet-bugs, etc.

Dissolve about two ounces of soap in a gallon of warm or cold water. Apply liquid, when cold, with atomizer, common sprinkler, etc. Many of the most famous florists and growers constantly and extensively use Sulpho-Tobacco Plant and Animal Soap, with gratifying results.

## RETAIL PRICES

3-oz. cake makes 1½ gals. prepared solution. 10c. Mailed, postpaid, for 14c.

8-oz. cake makes 4 gals.—20c. Mailed, postpaid, for 28c.

10-lb. cake makes 80 gals. \$3.00. Mailed, postpaid, for \$3.62.

Guaranteed by Larkin Co. under Federal Insecticide Law, U. S. Serial No. 654.

Sulpho-Tobacco Plant and Animal Soap always gives entire satisfaction. It is invaluable to every lover of flowers.

**Sulpho Tobacco Soap. Best Insecticide in the World.**

## APPLES

**This is the year to plant Apple trees.** Stocks were never better and prices are very low. Write for quotations on large orders.

Prices of standard commercial varieties except where noted:

**First Grade**, 4 to 6 feet—Each, 25c; 10, \$2.00; 100, \$18.00; 1000, \$180.00.

**Second Grade**, 3 to 4 feet—Each, 20c; 10, \$1.75; 100, \$14.00; 1000, \$125.00.

### Summer Varieties

**Early Harvest**—Medium size; bright straw color; tender and fine; good for table and cooking. July.

**Golden Sweet**—Large, pale yellow, tender and rich; good for cooking; fine bearer. August.

**Gravenstein**—Large, beautifully dashed with deep red and orange; tender and crisp, with a highly aromatic flavor; tree very vigorous. August.

**Red June**—Medium, oblong, deep red; excellent for table use; one of the best early apples.

**Red Astrachan**—Large, deep crimson, flesh white, moderately juicy, with an agreeable rich acid flavor; very productive. August.

**Yellow Transparent**—Medium size, roundish, slightly conical; skin pale yellow; flesh tender, juicy, subacid; good; bears at an early age. July.

### Autumn Varieties

**Rambo**—Medium, yellowish white, streaked yellow and red; tender, rich and sub-acid; very productive. September to November.

**Waxen**—Fruit medium; skin pale yellow; flesh crisp, tender, juicy, sharp acid; one of the best for drying. October.

**Fall Pippin**—Yellowish green; good cooking apple. September.

**Maiden's Blush**—Medium, well shaped; with a very distinct red cheek on the sunny side; flesh white; pleasant sub-acid flavor; excellent for table or cooking. September.

**Twenty Ounce**—Large and showy; good, though not highly flavored; flesh coarse, brisk sub-acid. October.

**Fameuse**—(Snow Apple). Medium, roundish, greenish yellow, with streaks of deep red on sunny side; flesh remarkably white; fine dessert fruit. October to December.

**Golden Russet**—Medium, dull russet, with tinge of red; flesh crisp, juicy and highly flavored. September.

**Gloria Mundi**—Large green, fine sauce apple. Last of September.

### Winter Varieties

**Arkansas Black**—Medium, round; yellow where not covered with a beautiful dark maroon, approaching black; flesh firm, fine grained, juicy; a long keeper. December to April.

**Baldwin**—Large, rounded; deep, bright red; very productive; crisp, fine flavor; one of the best and most popular winter apples. November to February.

**Ben Davis**—Medium to large; yellowish, overspread with red; flesh white, tender, juicy; pleasant sub-acid; thrifty, upright grower. October to January.

**Lawver**—(Delaware Red). Large, round, flat, mild sub-acid, very heavy and hard;

dark red; handsomest late keeper. December to May.

**Ortley**, or **White Belleflower**—White fleshed, fine grained conical fruit of superior flavor; one of the best. December to April.

**Hyde's King of the West**—Large to very large; handsome yellowish green; good quality; a remarkable keeper; a very popular sort in some sections. November.

**Roxbury Russet**—Medium, dull green and russet; flesh greenish white, rich sub-acid flavor. October to January.

**Red Cheek Pippin**—Excellent variety; sub-acid flavor; yellowish green color; red cheek; large size; good bearer. Keeps till March.

**Dome Beauty**—Large, yellow, shaded with bright red; juicy and sub-acid; fine market sort; good bearer. November to February.

**Wealthy**—Medium, whiteish yellow, shaded with deep red; flesh white, tender and juicy. October.

**Winesap**—Medium yellow ground, streaked with red; flesh yellow, with rich, high flavor; excellent for table and making cider. December to April.

**Wolf River**—Large and handsome; greenish yellow shaded with dark and light red; tree a strong grower and good bearer. September to November.

**Wagener**—Good size; deep red in the sun; flesh firm and fine grained; good keeper; sub-acid; excellent filler; requires thinning. October to December.

**Stark**—Large, greenish yellow, shaded and splashed with dark red; flesh yellowish, juicy, mild sub-acid; a long keeper and profitable market fruit; thrives in California. December to March.

**Tolman's Sweet**—Medium size, pale, whitish yellow, tinged with red; flesh firm; rich and very sweet; best to preserve; vigorous, productive. November to April.

Extra large trees—Each, \$1.00 to \$2.00.

**King**—Large and handsome, striped red and yellow; tree vigorous and productive. November to December. Good mountainous apple.

**Mammoth Black Twig**—Very large; bright red, pleasant sub-acid; fine late keeper; fine, vigorous tree. November to January.

**Northern Spy**—Large, round, greenish yellow, stripes of purplish red; flesh white, juicy, brisk sub-acid; valuable for "top work." Requires good soil. December.

**McIntosh Red**—A seedling of the Fameuse; bright red, flesh white, very tender and delicious. Long lived and very productive. Adapted to Montana. November.

**Rhode Island Greening**—Large, greenish yellow; flesh yellow, fine grained, tender, crisp, juicy and aromatic; excellent for cooking and table. October.

**Yellow Newtown Pippin**—Large; skin smooth, golden yellow; flesh firm, crisp, juicy and aromatic; excellent for export. December to May.

**Grimes Golden**—Very popular. Rich golden yellow; flesh tender, juicy and rich. Tree hardy and vigorous, bearing young. November to December.

**Delicious**—A splendid apple; coming into prominence rapidly. Tree vigorous and hardy and the fruit equals the name in every respect. Fine for market and home use and especially adapted to Eastern Oregon and Washington. Keeps till April.

**Stayman Winesap**—A seedling of the Winesap. Yellow striped with red. Flesh

**Get Special Prices on Three or Four Year Trees**

firm, crisp, juicy and very tender and rich, sub-acid. A drought resister; a profitable market variety. January, May.

**Jonathan**—Medium, conical; brilliant, covered with red stripes; tender and juicy; excellent for table or market.

**Spitzenburg**—Large, oblong; yellowish ground with broken stripes of bright red; flesh yellow, juicy with a delicious rich flavor.

**Yellow Bellflower**—Large, oblong; yellow, sometimes a blush in the sun; flesh firm, crisp, juicy, sub-acid; one of the standard varieties in California; tree a good grower and very productive; succeeds well in this valley. October to January.

## NEW VARIETIES OF APPLES

Note prices following each variety. Nice stocky trees.

**Winter Gravenstein**—A winter apple of the Gravenstein type; flesh yellowish, very tender, rich, spicy, sub-acid, highest quality, with a flavor all its own. Price, each, \$1.50, \$2.00.

**Opalescent**—Probably the handsomest apple ever introduced. Color light, shaded to a very crimson; skin smooth; susceptible of a very high polish reflecting objects like a mirror; flesh yellowish, tender, juicy and good. Price, each 50c.

**Multnomah (New)**—A grand new sort; a hybrid between the American Pippin and Rome Beauty. Originated by H. A. Lewis. Fruit large; color red, striped yellow; flesh white and fine and of sub-acid flavor; extra long keeper and in its prime from February to June; the coming apple for long distance shipment and Oriental trade. Price, each, \$1.00

**Ontario**—A cross between Wagener and Northern Spy. Fruit large to very large; flavor a brisk sub-acid, sprightly, slightly

aromatic; season mid-winter to late. Price each, \$1.00.

**Clayton**—Winter; large, yellow, striped red; productive. December to January Price, each, 50c.

**Bismarck**—The apple novelty; everyone should try it; tree of short, stocky growth thick, healthy foliage; fruit large, handsome, yellowish sometimes shaded red-cheek; flesh tender, pleasantly sub-acid entirely new; seldom failing to bear when two years old. September. Price, each, 35c

**Winter Banana**—Fancy market fruit pale yellow with pink blush. Has a delightful aroma and suggestive banana flavor. Not a good shipper. November Price, each, 50c.

## CRAB APPLES

Nice stocky trees, each, 35c; per 10, \$3.00

**Florence**—Large, handsome; red striped early, good annual bearer, juicy and crisp fine for the home garden. September 1.

**Martha**—Glossy yellow, shaded to red fine or cooking and fair for eating fresh tree handsome, vigorous and hardy. September.

**Transcendent**—Very large, pleasant flavor and good for cider; yellow striped red. Very productive. Adapted to Montana. September.

**Yellow Siberian**—Fruit small, fine golden yellow. Good. August.

**Hyslop**—Large, deep crimson; tree hardy fine for the West. November, January.

**Red Siberian**—Yellow with scarlet cheek. Bears young and abundantly. September.

**Whitney No. 20**—Tree thrifty, upright grower. Fruit large, striped; flesh firm and juicy. Very good. August.

Extra large trees—Each, \$1.00 to \$2.00.

## DWARF FRUIT TREES

These are ideal for home gardens; come into bearing early and yield large crops of choicest fruits. Forty Dwarf Trees can be planted in a space of 50 feet square and will not shade the ground, which can be cultivated between the trees. For best results Dwarf Trees must be planted in good rich soil and be well cared for; they should be pruned back about two-thirds of their new growth each spring.

### Dwarf Apples

Baldwin. Jonathan. Yellow Transparent. Red Astrachan. Gravenstein. Bismarck. Rome Beauty. Wealthy.

### Dwarf Pears

Bartlett. Fall Butter. Comice. Beurre de Anjou. L. B. de Jersey. Shelton.

Price, each, 50c; 10, \$4.00; 100, \$35.00.

Dwarf Fruit Trees make profitable "fillers" for young orchards and are best for home gardens. Our stock is large—varieties and quality the finest.

## CHERRIES

**First Grade, 2 years**—Each, 50c; 10, \$4.00; 100, \$35.00; 1000, \$300.00.

**Second Grade, 1 year, 4 to 6 feet**—Each 40c; 10, \$3.50; 100, \$30.00; 1000, \$275.00.

**Bing**—Originated in Oregon, from seed of Black Republican; fruit large, dark brown or black; very fine; late; a good shipper variety. July.

**Black Republican (Lewelling)**—Seedling raised by Seth Lewelling, of Oregon; large size, black, sweet, with purplish flesh; late and a good shipper. June.

**Kentish (Early Richmond)**—Dark red, juicy; one of the best sour cherries and unsurpassed for cooking purposes; very productive. Mid-May.

**Late Duke**—Large, light red; late and excellent, sub-acid. Late July.

**Oregon**—Large, black, solid, free, vigorous and productive; a fine shipper. July.

**Royal Ann**—(Napoleon Bigarreau.) magnificent cherry of the largest size; pale yellow, becoming amber in the shade; richly dotted and spotted with deep red, and with a bright red cheek; flesh very firm, juicy and sweet, tree a rapid grower and immense bearer. July 1.

**Lambert**—Fruit of largest size and fine quality; color deep, rich red; flesh firm

and of fine flavor; a fine market variety; ripens two weeks later than Royal Ann. Mid-July.

**May Duke**—Large, rich, dark red; flesh tender, juicy and sub-acid; an excellent variety, and one of the earliest of its class. May.

**Miller's Late**—This new cherry resembles the Late Duke in color, shape and flavor, but it is a larger and later variety, which makes it very valuable and desirable. Aug-  
ust. **Price, each, 60c.**

**New Giant**—Claimed by the originator to be equal in every way to the famous Lambert, but to possess the good points of being a larger and later cherry. A strong vigorous grower; heavy cropper. **Price, each, \$1.00; large trees, \$1.50.**

**Rochaline (New)**—A new German cherry, larger and redder than the Royal Ann; better shipper and more prolific bearer. July. **Each, 60c.**

Extra large trees—**Each, \$1.00 to \$2.00.**

## APRICOTS

The Lewis Apricot here illustrated is the largest, handsomest and one of the hardiest, best flavored apricots.

**Prices, except where noted.**—First Grade, 4 to 6 feet, each 35c; 10, \$3.00; 100, \$25.00.

**The Lewis**—The new Lewis Apricot is the largest, strongest growing, best yielding, best flavored apricot we have ever seen, and is perfectly hardy. Grown extensively in the "Goodnoe Hills" district. July to August. Special prices in large lots. **Price, each, 50c.**

**Moorpark**—Very large, yellowish green, brownish red on the sunny side; flesh bright orange; fine for canning and drying. July to Agust.

**Royal**—Above medium size; sweet, rich, juicy; good dryer and canner. July.

**Tilton**—Large; rich color, high flavor; very productive; similar to Royal; later. July.

**Blenheim**—Deep orange, sometimes blushed; tender, rich and juicy. Tree vigorous. Good for Pacific Coast. Last of June.

**Hemskirke**—Large, flesh bright orange; tender, plum like flavor. July.

## PEACHES

**First Grade, 4 to 6 feet**—**Each, 25c; 10, \$2.00; 100, \$17.50; 1000, \$160.00.**

**First Grade, 3 to 4 feet**—**Each, 20c; 10, \$2.00; 100, \$15.00; 1000, \$140.00.**

**Early Alexander**—One of the largest and best of the extra early varieties. Almost freestone. July.

**Early Charlotte**—Hardy, medium early, excellent flavor; originated in Oregon. Freestone.

**Early Crawford**—Very large, yellow, with red cheek; flesh sweet and excellent; our most popular peach for table and canning; freestone. August.

**Elberta**—Very large, bright yellow, red cheek; flesh yellow; juicy, sweet; regular bearer; fruit very showy and perfect; free-stone. Late July.

**Foster**—Large yellow, dark red on the sunny side; very rich, juicy and early; free stone. Late July.

**Late Crawford**—Very large, roundish; yellow, with dark red cheeks; flesh deep

yellow; juicy and melting; flavor rich and excellent; freestone; valuable for canning and drying. September.

**Muir**—Large, pale yellow; very firm and sweet; best for drying; freestone. August.

**Mayflower**—Beautiful red all over; extremely early; tree hardy and healthy. Should be in every home and commercial orchard. Last of June. Freestone.

**Champion**—Large, cream white, slightly blushed. Tree hardy; should be in every orchard. July. Freestone.

**Heath's Cling**—One of the best of the clingings. Very large; creamy white, with slight red; flesh white. September.

**Tuscan Cling**—Very large; yellow, blushed red. Vigorous and strong grower. July and August.

**Crosby**—Medium; rich orange with slight red blush; freestone, pit small, flesh yellow, sweet and juicy. Good shipper; rank grower. Ripens before Crawfords Late.

**Krummell October**—A magnificent peach; very profitable. Ripens two weeks after Salway, but far better; a good keeper. Free from bitterness, very firm and fine texture. Tree vigorous, hardy. Good for State of Washington. Free.

—Where conditions are right Peaches are a quick-growing, profitable orchard crop. There is always a ready market at a good price.

## PEARS

**First Grade, 4 to 6 feet, 1 year**—**Each, 40c; 10, \$3.25; 100, \$28.00; 1000, \$260.00.**

**Second Grade, 2 to 4 feet, 1 year**—**Each, 35c; 10, \$2.75; 100, \$22.50; 1000, \$200.00.**

—50 at 100 rate; 500 at 1000 rate.

**Extra large trees**—**Each, \$1.00 to \$2.00.**

**Seckel**—Rich and highly flavored; its highly concentrated, spicy, honey flavor is unequalled; skin brownish green, russet brown cheek; flesh whiteish, buttery and melting. September, October.

## AUTUMN VARIETIES.

**Beurre Bosc**—Large, beautiful, russety; highly flavored; fine for shipping. September.

**Louise Bonne de Jersey**—Large, greenish yellow, brownish red in the sun, marked with gray dots; flesh juicy, melting; very prolific. October.

**Beurre Clairgeau**—Large, yellow, shaded with orange and crimson; covered with russet dots; flesh yellowish, buttery, juicy. September.

**Beurre d'Anjou**—Large, handsome, fine flavor; tree vigorous; heavy bearer; keeps till Christmas. September.

**Comice**—A splendid commercial variety, being of fine size; good appearance; ships well. October.

**Fall Butter**—A favorite fall pear; yellow, sweet and juicy. September.

## SUMMER VARIETIES.

**Bartlett**—Large; skin thin, clear, lemon yellow, with soft blush on the sunny side; flesh white, buttery, very juicy and highly flavored; the best summer pear in existence. August, Setember.

## WINTER VARIETIES.

**Roosevelt (New)**—Size very large, shape roundish. Flesh fine texture, juicy, melting. Ground color yellow, clouded with salmon rose. Season October. **Price, each, 75c.**

**Lincoln Coreless**—Practically coreless; very late. Fruit shuold be picked when green. Large, quality good. Fairly hardy and good bearer.

**Crocker Bartlett (New)**—In shape, oblong, large and of a rich golden color. Skin rather thick but tender; flesh yellowish, buttery, juicy, sub-acid to sweet and very rich. Tree very vigorous, so far unblighted. October. Price, each, 50c; per 10, \$4.50.

**Winter Bartlett**—This fine pear originated in Eugene, Oregon. Fruit large, closely resembling the famous Bartlett in shape and appearance, but ripening considerably later; flavor almost identical with the Bartlett; is undoubtedly one of the few pears of recent introduction of real merit. Price, each, 50c; per 10, \$4.50.

**Buerre Easter**—Large, oval, yellow, with red cheek; excellent winter pear. February, October, January.

**Winter Nelis**—Medium; skin yellowish green, dotted with gray russet; flesh yellowish white; fine grained, of a rich saccharine, aromatic flavor. December.

## QUINCE

**Prices except where noted:**

**First Grade, 4 to 6 feet**—Each, 50c; 10, \$4.00.

**Champion**—Large, yellow; flesh cooks very tender; flavor is most delicious; more productive than the Orange. October.

**Apple or Orange**—Well known standard variety; early; large, golden yellow; good for preserving or flavoring. September.

**Pineapple**—Flavor is suggestive of the pineapple; the fruit resembles the Orange quince; making superior jelly, can be eaten raw and has a most exquisite and delicious flavor, not equaled by any other quince. Setember.

Price, select, 1 year, 50c; 2 years, 75c.

## TREE TANGLEFOOT

### FOR CATERPILLARS, MOTHS AND WORMS.

Price: 1 lb., 30c; 3 lbs., 85c; 10 lbs., \$2.65; 20 lbs., \$4.80.

Protects against all climbing insects.

One pound makes a band 9 feet long.

## PRUNES

If you can—Grow Prunes—the demand is always good and wil lincrease every year as they can only be grown in certain sections, but where conditions are right they are easily and profitably produced.

**PRICES:** First Grade, 1 year, 4 to 6 feet—Each, 20c; 10, \$1.50; 100, \$13.00; 1000, \$110.00.

First Grade, 1 year, 3 to 4 feet—Each, 15c; 10, \$1.25; 100, \$11.00; 1000, \$90.00.

**Italian**—Fellemburg—Large, oval, tapering at both ends; dark purple; flesh greenish yellow; separates freely from the stone; best for drying. August.

**Silver**—Seedling of the Coe's Golden Drop; tree vigorous and productive; fruit large and superior; excellent for drying or canning. September.

**Petite**—French—Medium, egg shaed; violet purple; sweet, rich and sugary; very productive; standard variety for drying. August.

**Giant**—Largest prune known; fruit averaging 1½ to 2 ounces each; retaining the good qualities of the smaller varieties.

**Hungarian**—Very large; dark red, juicy and sweet; good shipper. August.

**Sugar**—New—Tree vigorous grower; early variety; fruit ripens 28 days before the French; is four times as large and dries in half the time; flesh tender and rich in sugar; color dark purple. Early. August.

## PLUMS

**Prices except where noted:**

**First Grade, 2 years**—Each, 25c; 10, \$2.50; 1000, \$20.00.

**First Grade, 1 year, 4 to 6 feet**—Each, 20c; 10, \$2.00; 100, \$15.00.

**Abundance**—Fruit large and beautiful; bright cherry; flesh light yellow; juicy, tender, sweet; productive; freestone. June.

**Bradshaw**—Reddish purple, juicy and pleasant; adheres partially to the stone. July.

**Columbia**—Largest size, nearly globular; brownish purple; rich, sugary, freestone. August.

**Damson**—Small oval, blush purple; flesh melting, rather tart. Tree very fruitful and hardy. August.

**Damson**—Shropshire—Medium size, dark purple; very firm; flesh greenish, juicy and rich. Vigorous. Late September.

**Satsuma**—**Blood Plum**—Quite popular large, dark red from skin to pit, which is small, firm and juicy; tree productive. Early July.

**Maynard**—Dull red, large, round and firm; rich and sweet; sturdy, quick-growing, heavy-yielding variety; extra fine; ripens in July. Each, \$1.00.

**Yellow Egg**—Very large; skin of a deep golden color, but rather acid; excellent for cooking; very showy. August.

**Green Gage**—Small round; flesh pale green, melting and juicy; freestone. Mid-July.

**Burbank**—Medium; globular; cherry red, with lilac bloom; flesh yellow; bears very young. Late June.

**Peach**—Very large; skin brownish red, slightly coarse grained, but juicy; freestone; very popular. July.

**Washington**—A large plum; skin dull yellow, with a pale crimson blush; flesh firm; very sweet and luscious; freestone. Early August.

## NECTARINES

**Prices, 4 to 6 feet**—Each, 25c; 10, \$2.00; 100, \$17.50.

**Boston**—Large, deep yellow, bright blush; flesh yellow; very rich and luscious. Best for Oregon. August 1.

**Early Violet**—Medium; skin pale, shaded violet; flesh white; good. July.

## GRAPES

**Prices except where noted:**

**2-year Plants**—Each, 15c; 10, \$1.50; 100, \$8.00; 1000, \$70.00.

If wanted in large numbers, write for prices.

**Concord**—Large, black grape; bunches compact; berries round, sweet and pleasant. August.

**Delaware**—One of the finest of our native grapes; grows freely and is perfectly hardy, ripens early; berries small, light red. August.

**McKinley (New)**—A new early white grape of great merit; a strong, vigorous grower; thick, healthy foliage, and perfect self-fertilizing blossoms; bunches large and compact; fruit large, nearly round; very sweet, with no acid around the seeds, and no puckery taste in the skin; skin thin, green at first, then turning to yellow; bears handling and shipping well. August. **Prices, 2 year, each, 25c; 10, \$2.25.**

**Niagara**—Bunch medium; berry large, roundish, uniform; skin thin but tough; pale yellow; flesh tender and sweet, vine vigorous and productive; one of the best white grapes. September.

**Campbell's Early**—Berries large, nearly round, black, with light purple bloom; flesh rather firm but tender; quality rich, sweet, slightly vinous; a strong and vigorous grower. August. **Price, 1 year, each, 20c; 10, \$2.25. Price, 2 years, each, 25c; 10, \$3.25.**

**Moore's Diamond**—Bunches large; berry greenish white, flesh juicy and almost without pulp.

**McPike (New)**—Bunches are large and compact; grapes of uniform extra large size of a blue black, covered with bloom. Ripens evenly and is of perfect quality; hardy everywhere. September. **Price, 2 year, 25c; 10, \$2.25.**

**Moore's Early**—Bunch medium; berry large, resembling Concord, but more pulp and is earlier.

**Pocklington**—Vine very vigorous, hardy and productive; bunch and berry of good size; color a light lemon yellow; flesh moderately tender, sweet. Setember.

**Worden**—Bunch very large and compact; berry large, black; an improved Concord. Late August.

**Thompson's Seedless, Tokay, Muscat, Malaga and other European Varieties, Choice Plants at above Prices.**

## CURRENTS

Currents are a profitable, easily grown crop, and the market is always good.

Prices, except where noted, each \$0.10; per 10, \$0.75; per 100, \$5.00; per 1000, \$45.00.

### New Varieties

**Perfection**—New; largest and most prolific Currant; bright red, rich flavor, mild sub-acid; no currant can approach in yield or quality this wonderful new currant. **Strong plants, each, 15c; 10, \$1.25; 100, \$10.00.**

**Pomona**—A splendid new red variety; good keeper; has the record for acreage yield. About the size of Perfection and comes a little later. **Strong plants, each, 15c; 10, \$1.25; 100, \$10.60.**

**Belle de Boskoop**—A splendid new black currant excelling in quality and productiveness. A hardy, vigorous grower; the largest and best black currant. **Strong plants, each, 35c; 10 for \$3.00.**

### White Currents

**White Transparent**—The best white currant known. To be classed with the Perfection red. Splendid for market and table use; berries large, having a rich flavor; mild sub-acid. Vigorous and very productive.

**White Grape**—Large, yellowish white, valuable for the table.

**Black Naples**—Very large, black, rich, tender and fine for jellies and wine. Productive and vigorous.

### STANDARD VARIETIES

**Cherry**—Very large; deep red; fine for preserving; valuable market variety.

**Fay's Prolific**—Bright red, very sweet, stems longer than Cherry and fruit hangs on better than most varieties. To be planted with Cherry.

**North Star**—Strongest grower among red varieties; bunches average four inches in length; extra quality; very productive.

**Victoria**—Large, bright red bunches, very long; an erect grower; late, productive and very valuable.

## BUSH FRUITS

### BLACKBERRIES

**Blowers**—A new variety, said to be the best; very productive and a good shipper; exceedingly sweet. Ripens just after the Erie. July. **Price, each, 15c; 10, \$1.25; 100, \$10.00; postpaid, each, 20c; per 10, \$1.75.**

**Erie**—Large, coal black, round; standard variety. Vigorous; July. **Each, 8c; 10, 60c; 100, \$5.00.**

**Evergreen**—An Oregon introduction; beautiful lacinated foliage, which it retains all winter; berries long, black, sweet, rich and delicious; ripens from July to November. **10 for \$1.25; 100 for \$10.00; postpaid, each, 20c; 10, \$1.50.**

**Himalaya Giant**—An exceedingly strong, rampant grower of a trailing nature; overbearing; an enormous yielder. The berries are large, juicy, coreless, sweet and firm, with a delicious aromatic flavor. Its deep rooting qualities enable it to produce a

large, firm berry even in a very dry season. **Postpaid, each, 20c; doz., \$2.00; freight or express, each, 15c; doz., \$1.50.**

**Lawton**—Fruit large; very productive; well and favorably known; Oregon's most popular kind. **Each, 8c; 10, 60c; 100, \$5.00.**

**New Mammoth**—This wonderful new blackberry is a rampant grower, of trailing habit; the foliage is large, thick, of a deep green color. It is enormously productive and exceedingly early, ripening three weeks before other cultivated kind. Fruit is enormous, specimens measuring 2½ inches long; seeds small, soft and abundant; cores small and soft. In size and flavor it surpasses all other varieties of blackberries. July 1. **Two-year-old, each, 25c; 10, postpaid, \$2.00. Ten, by express or freight, \$1.75; 100, \$15.00. One-year-old (tips), ea., 15c; 10, postpaid, \$1.25. By express or freight, 10, \$1.00; 100, \$8.00.**

**Kittatinny**—Large, roundish, conical; glossy black, juicy, sweet, excellent when fully ripe. July. **Each, 8c; 10, 60c; 100, \$5.00.**

**Eldorado**—A valuable new variety; fruit large, jet black, melting, sweet and rich; hardy and very productive; fine for Oregon and Washington. **Each, 10c; 10, 90c; 100, \$8.00. Postpaid, each, 15c; 10, \$1.25.**

### BURBANK'S PHENOMENAL

"Larger than the largest berry ever before known." Bright crimson raspberry color, productive as could be desired, and most delicious of all berries for pies, canning jellies or jams. Sweeter than the Loganberry. Easily grown, stands shipping well, and hardy everywhere.

Compared with the Logan the color and general form are much the same the first season, particularly if the growing conditions have not been favorable, but when once established they have no equal in size, quality or productiveness. July 1. **Price, each, 25c; per 10, \$2.00; per 100, \$12.50.**

### LOGANBERRY

The fruit is generally larger than the blackberry, often an inch and a quarter long; color dark red and produced in immense clusters. It partakes of the flavor of both the blackberry and raspberry, a mild, pleasant, vinous flavor, delicious and peculiar to this berry alone. Fruit ripens early, the bulk being gone before the blackberries or raspberries become plentiful. It is excellent for the table, eaten raw or stewed and is excellent for jelly or jam. June. **Price, each, 15c; per 10, \$1.25; per 100, \$8.00.**

### RASPBERRIES

#### Red Caps

**Prices (except where noted), per 10, 75c; per 100, \$4.00; per 1000, \$20.00.**

**The Improved Superlative**—A new berry of great merit. The color is a soft red crimson. The berry large and firm, with very small, brittle seeds. The healthy, vigorous growth, remarkable productiveness, hardiness, immense size, handsome, uniform shape and rich, luscious flavor make the "Superlative", from the shippers' standpoint, a most desirable berry. It is firm, disease resisting, and earlier than Cuthbert. **Each, 20c; 10, \$1.65, postpaid.**

**Red Antwerp**—Earlier and about the size of the Cuthbert; rich flavor; bright red, and a good market or home berry for this climate.

**Cuthbert**—Deep rich red, large and firm; one of the best market berries. Very strong, hardy and productive; ripens medium to late.

**Marlboro**—Standard, light crimson, large and very firm; should be planted with the Cuthbert as commercial variety; ripens early.

**Herbert**—Three in one; splendid, large, bright red; strong grower and very productive; originated in Canada; should be tried by every planter. **Price, strong plants, each, 25c; 10, \$2.00.**

### Black Caps

**Prices, except where noted—Choice well rooted plants, each 10c; per 10, 90c; per 100, \$6.00; per 1000, \$40.00.**

**Conrath**—The best early Blackcap. A black raspberry of superior quality, being ten days earlier than Gregg, coming in with the earliest reds. One-sixth of an acre of Conrath produced 38 24-lb. crates, netting the grower \$76. We especially recommend the Conrath as the best "blackcap" for Washington. Try it. **Choice, well-rooted plants, each, 15c; 10, \$1.25, postpaid. Freight or express, 10, \$1.00; 100, \$8.00.**

**Columbian—Purple**. A cross of the black and red raspberries combining the flavor of both. Berries are large and easily picked, the yield is heavy and the vines are hardy and vigorous, give same training and care as black caps. **Price, strong plants, postpaid, each, 15c; 10, \$1.25. Express or freight 10 for \$1.00; 100, \$8.00.**

**Cumberland**—Black; very large; similar to Gregg if not better.

**Kansas**—Black; similar to Gregg, ripening earlier. Good commercially; strong grower and productive. Drouth resistant.

**Mammoth**—Black, good quality. Not yet thoroughly tested.

**Munger**—Black, very good, juicy and fine for home use.

**Gregg**—Of good size, fine quality; very productive and hardy. It takes the same position among black caps as Cuthbert among the red sorts.

**Plum Farmer**—New; very promising as a table and market berry; large black, hardy and productive. Good quality. **Strong plants, postpaid, each, 15c; 10, \$1.25. Express or freight, 10, \$1.00; 100, \$8.00.**

### GOOSEBERRIES

**Prices, except where noted—Each, 10c; per 10, 80c; per 100, \$5.00; per 1000, \$45.00.**

**Oregon Champion**—Berries very large, pale green color; very sweet and fine for table use and pies; bush strong, not very thorny; very prolific bearer; most popular sort we have.

**Houghton**—Vigorous grower, abundant bearer; fruit of medium size, pale red, sweet and juicy.

**Red Jacket (Josselyn)**—Of large size, smooth, prolific and hardy; of best quality; a wonderful cropper, with bright, clean, healthy foliage. **Each, 15c; 10, \$1.25; 100, \$12.00.**

**Downing**—Large, light green; soft, juicy and good. Vigorous and very productive.

**Industry**—Very large, dark red, of delicious flavor; the best of all English varieties. Bushes strong, upright and very productive. **Each, 20c; 10, \$1.75; 100, \$15.00.**

**Pearl**—Large, light yellowish green; very hardy and free from mildew; superior in size and quality. Very prolific.

### DEWBERRY

**Price—Each, 15c; per 10, \$1.25; per 100, \$10.00.**

**Lucretia**—Very popular, trailing vine. Fruit large, soft, sweet and with no hard core. Hardy, good for this Coast. Last of May.

**Gardenia**—Large glossy black; delicious; heavy bearer; trailing vine. June.

Extra Large Lot of Mammoth Blackberry

# ORNAMENTALS

Space will not permit us to more than give the very briefest description of ornamentals in this booklet, but complete descriptions and detailed information covering your planting problems will be promptly and cheerfully furnished on request, together with such suggestions as we feel will prove helpful to you. We shall be pleased to quote special prices on larger grades than those offered in the list. Such varieties as we have marked with an asterisk (\*) can be supplied in many cases in larger grades and in large quantities.

When large trees are planted, they should be cut down to within 8 feet of the ground and all laterals should be shortened in, thinned out if they are too thick and cut away entirely to about 6 feet of the ground.

We shall be pleased to give quotations to persons desiring large quantities.

Prices of the following are for the 7 to 8 foot grade, excepting where otherwise specified.

## DECIDUOUS TREES

### ASH

**American White**—Broad, round head and dense foliage. Very fine. **Each, 60c; 10, \$5.00.**

### BASSWOOD

(See Linden.)

### BEECH

**Purple Leaved**—Foliage is deep purple in the spring, changing to crimson in the fall. **5 to 6 feet, each \$2.00; 6 to 8 feet, \$3.00.**

**American**—Unequalled for splendor. **Each 75c; 10, \$6.00.**

**Fern Leaved**—European variety, shrub-like and very beautiful for the lawn. **4 to 5 feet, each \$1.00; per 10, \$7.50.**

### \*BIRCH

**European White**—Silvery white bark and slender drooping branches. **Each, 75c; 10, \$6.50.**

**Cut Leaved**—Delicately cut foliage, silvery white bark and drooping branches. **Each, \$1.50; 10, \$12.50.**

### CATALPA

Splendid trees with white flowers and bright green foliage.

### CATALPA BUNGEI

Form a dense, round, umbrella-like head. **Each, \$1.50.**

### \*CATALPA WESTERN

**Speciosa**—Very rapid grower, fine as a quick shade. **Price, 7 to 8 feet, each 75c.**

### CRAB

**Flowering (Bechters)**—Flowers pink and very fragrant. In appearance a tree of roses. **5 to 6 feet, each, 75c.**

### CORNUS FLORIDA

**Dogwood, White Flowering**—Flowers are white, 3 inches in diameter, blooming be-

fore leaves come in spring. Grows 20 to 25 feet high and is very showy. **Price, 7 to 8 feet, each 60c; 10, \$5.00.**

### \*ELM

**American White**—A native of this section; a magnificent tree with drooping branches. **Each, 75c; 10, \$6.50.**

**\*Cork Bark**—Desirable for street planting. Young branches very corky. **Each, 50c; 10, \$4.50.**

**Purple Leaved**—Leaves rich purple when young. **Each, 75c; 10, \$6.50.**

### \*LABURNUM

**Golden Chain**—A beautiful small growing tree, with long, drooping racemes of fragrant yellow flowers. **5 to 6 feet, each 75c.**

### LARCH

Tree native, rapid growing. **Each, 75c; 10, \$6.50.**

### FRINGE TREE

Small; foliage dark green; bunches of pure white flowers in May. **4 to 6 feet, \$1.00.**

### HAWTHORNE

**Double Scarlet**—Small tree with spreading branches and crimson flowers. **Each, 75c; per 10, \$6.50.**

**Double White**—Flowers small, leaves lustrous green color. **75c; 10, \$6.50.**

### HORSE CHESTNUT

**\*White**—Foliage showy, flowers stand in upright panicles. **Each, \$1.00 to \$1.50.**

**\*Red**—Same flower as above; flowers red. **Each, \$1.00 to \$1.50.**

### LINDEN

**American**—Shapely and handsome, foliage large. **Each, \$1.00; 10, \$8.50.**

**European**—Similar to American, leaf smaller. **Fine. \$1.25.**

### LIRIODENDRON

See Tulip tree.

### LOCUST

**\*Black**—Rapid grower; fine for street planting. **Each, 75c; 10, \$6.50.**

**Honey**—Rapid grower, a drought resister, fine for hedge or wind-break. **Each, 75c; 10, \$6.50.**

### MAGNOLIA

**Acuminata, Cucumber Tree**—Tall, pyramidal tree, showy leaves and yellowish white flowers. **Each, \$1.50; 10, \$12.50.**

**Can Furnish Extra Large Specimens**

**MAPLE**

**Ash-Leaved (Box Elder)**—A rapid grower, fine street tree, foliage ash-like. **Each, \$1.00; 10, \$8.50.**

**Variegated Ash-Leaved Maple**—These make handsome and attractive specimens for lawn or street plantings. **Each, \$1.00.**

**\*Oregon Soft**—A rapid grower, fine for avenues. Leaves large. 6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.

**\*Sycamore**—Tree large and spreading, with handsome foliage. 6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.

**Silver**—A rapid grower, graceful and very beautiful; leaves silvery. 6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.

**\*Norway**—Large, growth compact; foliage deep green; handsome. 6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.

**Purple Leaf Sycamore**—Purpleish green foliage, sycamore-like. 6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.

**Sugar or Hard**—A rapid grower; popular in the East, a shapely tree with beautiful autumnal coloring. 6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.

**OAK**

**English**—Low growing, spreading habit and rapid growth. 75c; 10, \$6.50.

**Scarlet**—Pyramidal shape, the foliage changes to bright red in fall. **Each, 75c; 10, \$6.50.**

**PEACH**

**Flowering**—Blooms in April, flowers are highly colored and very attractive. 4 to 6 feet, 50c; 10, \$4.00.

**\*MOUNTAIN ASH**

**Very ornamental, handsome foliage turning orange red in the fall. Red berries remain on tree most of winter.** 75c; 10, \$6.50.

**European**—White flowers, then beautiful red berries. **Each, 75c; 10, \$6.50.**

**MULBERRY**

**Downing's Everbearing**—A rapid grower with good fruit. Fine as a shade tree. **Each, 75c; 10, \$6.50.**

**\*Russian**—Of spreading habit and rapid growth. **Each, 75c; 10, \$6.50.**

**WALNUT**

See Nut Trees.

**POPLAR**

**\*Carolina**—A very rapid grower. **Each, 60c; 10, \$5.00.**

**PRUNUS PISSARDI**

Foliage and fruit entirely red. Plums very good quality. Very attractive. **\$1.00; 4 to 6 feet, 75c.**

**SYCAMORE**

**American**—Has broad foliage and handsome bark. 4 to 6 feet, 75c; 10, \$6.50.

**European**—Erect growing tree with mottled trunk. Foliage bright green. **Each, 75c; 10, \$6.50.**

**TULIP TREE**

Leaves light, glossy green, fiddle shaped; flowers greenish yellow, tulip shaped. **Each, \$1.50; 4 to 6 feet, \$1.00.**

**WEEPING TREES****ASH**

**European Weeping**—Splendid arbor tree. **\$1.25; 10, \$11.00.**

**BABYLONICA**

**Common**—Well known common willow, with drooping branchlets. 5 to 6 feet, **each, 60c.**

**CHERRY**

**Japanese White**—Graceful and very beautiful, flower profusely. 4 to 6 feet, **\$1.25.**

**ELM**

**Camperdown Weeping**—Vigorous branches forming a roof-like head. **\$1.50; per 10, \$12.50.**

**MAPLE**

**Wier's Cut-Leaved**—Very handsome with cut foliage. 6 to 8 feet, **\$1.50.**

**MULBERRY**

**Tea's Weeping**—Very graceful; branches long and slender and drooping parallel to trunk. **Each, \$1.50; per 10, \$12.50.**

**WEEPING WILLOW**

**Kilmarnock**—A distinct variety, having reddish shoots and large, glossy foliage. They make a most desirable and graceful drooping small tree for lawns. 6 feet and 2-year heads, **each, \$1.00 to \$1.50.**

**WILLOW**

**Wisconsin**—Large, glossy leaves and very pendulous habit. **Each, 75c; per 10, \$6.50.**

**NUT TREES****ALMOND**

**Nut Bearing**—Almonds can be grown successfully in many sections of Washington and Oregon, and are attracting much attention from commercial orchardists. We can supply most of the leading varieties at prices listed. Special prices on large orders. **Choice trees, 3 to 5 feet, each, 50c.**

**I. X. L.**—A vigorous grower and sure cropper, producing nuts of large size and

handsome appearance; shell thin; most popular commercial sort.

**Hard Shell**—A fine hardy variety with large plump kernel of good quality.

## NONPARIEL

Tree beautiful, slightly weeping; nut sweet and shell very thin. Best for the home.

## NE PLUS ULTRA

Large and very long; soft shell; hulls free. Tree heavy and regular bearer.

## BUTTERNUT

A beautifully formed tree bearing a rough coated nut of most attractive flavor, well known to the Middle West. Succeeds fairly well in the Pacific States. **Price, each, 50c to 75c.**

## CHESTNUT

**American Sweet**—Makes a handsome shade tree; full medium size, sweet and well flavored. **7 to 8 feet, each, 75c to \$1.00.**

**Spanish**—A valuable species, both for ornamental use and fruit. It forms a handsome lawn tree and produces much larger fruit than the American variety. **4 to 6 feet, each, 75c; 7 to 8 feet, \$1.00.**

**Mammoth Japanese**—A variety we import from Japan; yields much the best and largest fruit. **Each, 75c to \$1.00.**

## PARAGON

Nuts large and handsome, sweet and of good quality. Tree hardy and very productive. **4 to 6 feet, each, 75c to \$1.00.**

## FILBERTS

**Barcelona**—Magnificent large nut from Spain, first quality; can be grown as low standard tree or bush. **Each, 35c to 50c.**

## DECIDUOUS SHRUBS

### ALTHEA

**Rose of Sharon**—Flowers delicate, bell shaped, blooming at different times during summer. **3 to 4 feet.**

**Grandiflora Superba**—Double, delicate blush, carmine center. **3 to 4 feet, each, 50c; 10, \$4.00.**

**Elegantissima**—Double white. **3 to 4 feet, each, 50c; 10, \$4.00.**

**Meehani**—Leaves variegated, single lilac-pink flowers. **60c.**

### FLOWERING ALMOND

**White**—Same, though white flowers.  
**Pink**—Well known early dwarf shrub. Double clear pink little roses festoon the gracefully bending branches. **2 feet, 50c.**

**DuChilly**—The largest Filbert on Pacific Coast. Nuts are broad, 1 inch by  $\frac{3}{4}$  of an inch; full fleshed and sweet; best grown as low standard. **Each, 35c to 50c.**  
 Special prices on large orders.

## WALNUTS

**English or French**—The cultivation of English Walnuts on the Pacific Coast is very profitable, and many people are now setting out large groves. If you do not care to set out a field of trees, a row set along the driveway, lane, around the fences, or on a sidehill too steep to cultivate will prove a most profitable investment, and will require very little attention. They are rapid growers, and will make fair-sized trees in a few years. For those who prefer "second generation," we have a fine lot of one and two-year-old trees (the best age to plant). These are nut-bearing, second-generation stock, and of the best varieties on the Coast, Franquette, Mayette, Praeparturien, etc.

**California Black**—A rapid grower and very desirable; nut medium size, with hard, smooth shell. Adapts itself easily to different climates.

**Franquette and Mayette**—Second generation, soft shell, selected stock; very good, sweet and good tasting. Trees hardy and prolific bearers. Nuts are rich and meaty, finest commercial sorts. **Prices—One-year-old, well-rooted, each, 25c; 10, \$2.00. Two-year-old, well-rooted, taps 2 feet up, 40. Seedling stock grown from select nuts, 4 to 6 feet, each, 75c; 6 to 8 feet, 75c to \$1.00.**

**Franquette, Grafted on California Black**—Quite large, elongated oval, and very attractive, kernel full, sweet and of a rich nutty flavor. Grafted stock, **4 to 6 feet, \$1.50 to \$2.00. Special prices on large lots.**

## HICKORY

**Shellbark**—Popular Eastern variety, tree hardy but slow grower. Nuts medium size, very good. Quality excellent. **Price, 3 to 4 feet, each, 75c.**

### AZALEA MOLLIS

Very bushy, a young and proficient bloomer. Colors, red, orange and yellow. **\$1.00.**

### BER BERRY

**Purple Leaved**—Having purple foliage, very pretty. **Clump, 25c each.**

### CURRENT

**Flowering**—Graceful flowers and berries red. Very desirable for shady spots. **3 to 4 feet, 50c.**

### HEDRANGEA

**Arborescens Alba Grandiflora** (known as "Snowball Hydrangea")—A grand addition to the summer flowering shrubs—flowers

Special Prices on Large Orders of Shrubs

July and August. The flowers are large, similar to snowball in appearance, conspicuously white; fine for single specimen or cut flowers. **Each, \$1.00.**

**Paniculata Grandiflora**—One of the most desirable flowering shrubs; attains a height of 4 to 5 feet, flowering from July to November, bearing immense panicles of bloom, a foot or more in length; color, creamy white with pink flush. Prune back in early spring, about half of previous year's growth; flowers are borne on the new wood. Hardy everywhere; good for cemetery planting. **2 to 3 feet, each, 25c to 50c; 3 to 4 feet, 75c; tree shaped, each, \$1.00.**

### HONEYSUCKLE

**Upright**—Very beautiful. **3 to 4 feet, 50c.** For others, see vines.

### DUETZIA

**Fride of Rochester**—Tall, very beautiful. Flowers double white. **3 to 4 feet, 50c; 4 to 6 feet, 65c; 6 to 8 feet, 75c.**

### ELDER

**Cut Leaved**—Deep, cut foliage. **4 to 6 feet, 50c.**

### EUONYMUS

**European**—Strawberry or Spindle Tree. A small tree bearing medium sized scarlet berries. **4 to 5 feet, 50c.**

### FILBERT

**Purple Leaved**—Leaves and husks purple, very ornamental. Nuts good. **3 to 4 feet, 75c.**

### FORSYTHIA

**Golden Bell**—Most common; deep green foliage. Fine in partial shade. **5 to 6 feet, 50c.**

### CALYCANTHUS

**Floridus**—Flowers reddish brown, sweet scented. Leaves broad, dark green, making graceful masses. **2 to 3 feet, 50c; per 10, \$3.50.**

**Japan Quince**—Red flowering. **1 to 2 feet, 50c.**

### SNOWBALL

**Japanese**—Flowers pure white, delicate, large globular heads, in May. **2 to 3 feet, 75c.** See cut.

**Common**—Flowers globular, pure white, in May. **3 to 4 feet, each, 50c; per 10, \$4.00.**

### SCOTCH BROOM

**Scotch Broom**—Rapid growing, hardy; trusses of yellow flowers in May. **50c.**

### SMOKE TREE

Low growing and shrubby, flowers feathery, appearing like a cloud of smoke. **75c to \$1.00.**

### MOCK ORANGE

**Philadelphus**—**3 to 4 feet, 50c; per 10, \$4.00.**

**Grandiflora**—Flowers large and slightly fragrant. Slender twig habit. **3 to 4 feet, each, 50c; per 10, \$4.00.**

### LILACS

**Common Purple (Syringa Vulgaris)**—Very fragrant, an old favorite. **3 to 4 feet, 50c; per 10, \$4.50.**

**Common White (Syringa Vulgaris)**—Same as above, flowers white. **3 to 4 feet, 50c; per 10, \$4.50.**

### FINE NAMED VARIETIES

**Grafted Standards**—**6 feet, \$1.25 each.** Choice plants, **3 to 4 feet, each, 75c.**

### CHAS. X

**Single**—A strong rapid grower; trusses large and loose, color reddish purple.

### MARIE LE GRAYE

**Single**—Flowers large, beautiful creamy white; bush dwarf.

### MICHEL BUCHNER

**Double**—Pale lilac.

### PRES. GREVY

**Double**—Magnificent; beautiful blue panicle; very large.

### LUDWIG SPAETH

**Single**—Very fine; trusses large; deep purple.

### MME. LEMOINE

**Double**—White color; fine for winter forcing.

### PRES. CARNOT

**Double**—Fine lavender, with white center, late flowering.

### TAMARIX

Elegant fine flowering and handsome foliage. Flowers carmine-red. August, September. **3 to 4 feet, 50c.**

### SPIRAEAS

**Anthony Waterer**—A handsome shrub,

**Scotch Brown for Banks and Hedges—We Have 10,000 Plants**

that blooms about the close of June; flowers red. **Clumps, each, 75c.**

**Billardii**—Produces fine, rose-colored flowers, and blooms nearly all summer. **Strong clumps, each, 60c.**

**Prunifolia, Bridal Wreath**—The pretty double white flowers are in bunches of two and threes, and usually expand about May 1. **Clumps, each, 75c.**

**Thunbergii**—Of graceful habit; branches are slender and somewhat drooping; foliage yellowish-green; flowers small, white, appearing early. **Clumps, each, \$1.00.**

**Van Houtte**—The grandest of all the Spireas. It is a beautiful ornamental for the lawn at any season, but when in flower

it is a complete fountain of white bloom, the foliage hardly showing. Perfectly hardy and an early bloomer. **2 to 3 feet, 60c to 75c.**

## WEIGELIA

**Candida**—Flowers white, bush tall and very graceful. **Price, 75c.**

**Rosea**—Flowers light pink, shrub compact and shapely. **Price, 75c.**

**Eva Rathke**—Flowers red, one of the best slightly dwarf. **Price 75c.**

**Variegated**—Leaves become silvery white. **Price, 75c.**

## EVERGREEN TREES

This list includes trees that do not shed all their foliage at one time, thereby remaining green after the deciduous trees are bare.

### ARAUCARIA IMBRICATA

**Monkey Puzzle**—A fine tree of regular pyramidal form; leaves bright green, broad, thick, pointed and overlapping each other. **2 to 3 feet, \$2.00.**

### ARBORVITAE

**American**—Native, known as white cedar. Foliage bright green, yellow-green underneath; brown and bronze in winter. **2 to 3 feet, 75c.**

**Golden**—Elegant; habit regular; foliage tinged with gold in spring. **2 to 3 feet, \$1.50.**

**Weeping**—Weeping variety, branches are pendulous and thread-like; foliage light yellowish green. **2 to 3 feet, \$1.50.**

**American Variegated Pyramidal**—Pyramidal form, foliage dark green. **2 to 3 feet, \$1.00.**

**Oriental**—Fine, with close ascending branches of a fan shaped appearance. **2 to 3 feet, \$1.00.**

### BOX

Splendid specimens, our own importation.

**Pyramid**—4 to 4½ feet, each \$5.00; 3 to 3½ feet, each \$3.50; 2½ to 3 feet, each \$2.50.

**Standard**—2½ to 3 feet stems. Heads 15 to 18 inches in diameter. **\$4.00 to \$5.00 each.**

**Box Plants for Hedges and Borders**, 6 inch and over at from \$5.00 per 100 up.

### CEDRUS

**Deodora (Himalayan or Indian Cedar)**—Very handsome; branches drooping; foliage silvery green. Very popular. Vigorous grower. **2 to 3 feet, \$1.50.**

**Deodora Variegata (Variegated Cedar)**—A fine tree, same as Deodora, with silvery white tipped foliage. **2 to 3 feet, \$2.00.**

**Lawson's**—Graceful and conspicuous; branches horizontal, slightly pendulous, foliage dark green. **2 to 3 feet, \$1.25; per 10, \$10.00.**

**Lawson Blue**—Of slender habit with silvery foliage. **1½ to 2 feet, \$1.00.**

### CYPRESS

#### New

**Cypress Allumii**. Very compact, upright grower; color a bright blue. **Each, \$1.00.**

**Cypress Lawsoniana Darlyensi**—A very strong grower; color a fine bright yellow. **Each, \$1.50.**

**Cypress Wesselii**—This conifer distinguishes itself by its very graceful pyramid, compact, and yet strong growth; color a fine blue. **Each, \$1.50.**

**Cypress Westermannii**—Same as Wesselii though more pendulous and drooping. **Each, \$1.50.**

**Cypress Triumph of Booskoop**—Strong grower; one of the bluest conifers in cultivation. **Each, \$1.00.**

### MAGNOLIA GRANDIFLORA

Choice well budded trees. **2½ to 4 feet each, \$1.00 to \$2.00. Large specimens \$3.00 to \$5.00 each.**

### FIR

**American Balsam**—Prized for its delightful aroma. **1½ to 2 feet, \$1.25.**

**European**—Splendid; branches spreading; foliage broad and silvery. **2 to 3 feet.**

**Nordman's**—Lustrous, deep green foliage, very symmetrical. One of the best. **1 to 1½ feet, \$1.25.**

**White**—A fine spruce; rapid growth; very hardy. Very attractive. **1½ to 2 feet, \$1.50.**

### HEMLOCK

**American**—Very beautiful and appealing; branches pendant and foliage deep green. **2 to 3 feet, 75c; per 10, \$6.50.**

### HOLLY

We have a fine lot of Hollies, both seedling and grafted stock. If wanted in quantity, write for special prices. We also have at different times very large fine specimens,

10,000 American Hemlock, Small—10c Each

with or without berries. **Each, from \$10 up.**

**English** (*Aquifolia*)—A beautiful lawn tree, with prickly, dark green foliage; it grows moderately fast, and is covered during the winter months with bright red berries. One of the handsomest and most popular evergreen bushes we know of. Holly branches are cut and sold in large quantities for holiday decorations. **Berry-bearing plants, per foot, \$1.00; nice plants, \$2.50 to \$6.00; ordinary stock, per foot, 75c; nice plants, \$1.50 to \$3.00.**

### VARIEGATED HOLLIES

The variegated varieties are remarkably handsome lawn plants. The leaves are variously marked with yellow or white. We offer the following distinct sorts:

**Golden Margined**—Leaves splashed with pale green; narrow, but irregular; golden edge. **Per foot, \$1.00 to \$1.50.**

**Silver Margined**—Leaves long, dark green and slightly mottled, and with an irregular, narrowish silvery margin. **Per foot, \$1.00 to \$1.50.**

### JUNIPER

**Irish**—Pyramidal in form, foliage silvery gray; very striking. **2 to 3 feet, \$1.00.**

**Red Cedar**—Native, with striking form and beautiful color. **2 to 3 feet, 60c; per 10, \$5.00.**

**Swedish**—Similar to Irish, upright; one of the best. **2 to 3 feet, \$1.00.**

### New

**Juniper Communis Pfutzeriana**—Graceful green foliage with horizontal branches. **Each, \$1.50.**

**Juniper Canadensis Revesiana**—Same as *Pfutzeriana* though taller and straight. **Each, \$2.00.**

**Thuja Occidentalis Hoveyi**—Clear green color; slow growing. **Each, \$1.50.**

### PINE

**Austrian**—Well known and widely planted, especially at seashore; growth rapid; quite hardy. **2 to 3 feet, \$1.00.**

**Scotch**—Robust growth; branches pendulous; leaves bluish green. **3 to 4 feet, 75c; per 10, \$6.50.**

### SPRUCE

\***Norway**—A lofty, rapid grower; branches drooping. Fine for hedge or windbreak. **2 to 3 feet, \$1.25.**

**Norway Variegated Golden**—Foliage golden yellow, vigorous. **2 to 3 feet, \$2.00.**

**Colorado Blue**—The most beautiful of spruces; foliage silvery blue. **1½ to 2 feet, \$2.50.**

**Douglas**—Somewhat similar to our hemlock; rapid grower. **2 to 3 feet, \$1.50.**

### YEW

**English**—Slow growth, densely branched, head spreading, dark green leaves. **2 to 3 feet, \$1.00.**

**Irish**—Upright, deep, dark green foliage. **2 to 3 feet, \$1.50.**

**Variegated**—Same as Irish, but with part of foliage striped and margined with silvery white. **2 to 3 feet, \$1.50.**

## JAPANESE ORNAMENTALS

We import annually large assortments of Japanese Plants, Palms, Shrubs, etc., and would call attention to the splendid values offered in these interesting specimens.

### THUJA OBTUSA

**Thuja Obtusa**—(var. *Chabo-hiba*)—Famous Dwarf tree of Japan, over 100 years old, grown in pots. This unique and interesting tree is perfectly hardy, good for porch or house use; is very ornate and striking; making it invaluable for decorative effects. Fine specimens in oriental jardinières. **Each, \$5.00 to \$10.00.**

### AUCUBA

**Aucuba Japonica**—Japan evergreen, with shining evergreen foliage and red berries. **Each, 75c to \$1.00.**

**Aucuba J. Variegata**—Green and yellow foliage; very showy; fine for specimen plants on lawn. Large plants for immediate effect. **Each, \$2.00 to \$2.50.**

### BAMBOO

This well known ornamental plant, with graceful and almost evergreen foliage, thrives in sheltered situations, making fine lawn clumps. We have four varieties, all hardy. **Strong clumps, 3 to 6 feet, each, 75c to \$1.50.**

### BERBERRY—JAPANESE

**B. Thunbergii**—From Japan. A pretty species of dwarf habit; small foliage, changing to a beautiful red in autumn; good hedge plant. **2 to 3 feet, each, 60c to 75c.**

### ASPIDISTRAS

Ornamental foliage, plant throwing up shoots which unfold, developing into large, graceful leaves; color a beautiful dark glossy green; give same treatment as hardy palm. **Specimen plants, \$2.00 to \$3.00 each.**

**Variegated**—Rich, creamy markings. Specimen plants, **each \$3.00.**

Japanese Bamboo—All Sizes 2 ft. to 20 ft.

**CAMELLIA**

**Japonica**—Very beautiful, winter flowering evergreen; the handsomest, shining, dark green foliage and magnificent, wax-like flowers of various colors, render them indispensable for the conservatory, and well adapted for parlor or window culture; perfectly hardy in this climate in the open ground, but should be planted in a shady place and protected the first year. We have these in three colors. **Double White, Pink and Red**; **1½ to 2 feet, each, \$1.00 to \$1.50.**

**DAPHNE**

**Odora**—A very pretty early flowering shrub, producing pink flowers in March. **2 feet, each, \$1.00.**

**Alba**—Pure white. **2 feet, each, \$1.00.**

**SCIADIPIITYS VERTICILLATA**

**Umbrella Pine**—The leaves are narrow, round and arranged in whirls of umbrella-like tufts; is especially adapted for porch or lawn decoration. **2 feet, each, \$1.50.**

**CRYPTOMERIA**

One of the finest evergreens of Japan; of both upright and drooping habit. We import a number of different varieties all of which are suitable for lawn planting. Foliage mostly needle-like; end of branches soft and flexible. **1 to 2 feet, each, \$1.00 to \$2.50.**

**SYRINGA JAPONICA**

**Syringa Japonica**—Japan tree lilac, growing to a height of 30 feet; blooms late in June, bearing large panicles of showy white flowers carried well above the foliage; leaves large and leathery, rich dark color. **Each 75c.**

**QUINCE (Japan Flowering)**

**Japonica**—Remarkable for the brilliancy of its blossoms, which vary from the richest scarlet to the most delicate bluish color; the fruit is deliciously fragrant, but is not edible. **2 to 3 feet, each, 60c to 75c.**

**Alba**—A very beautiful variety, with delicate, white and blush flowers. **3 to 4 feet, 75c to \$1.00.**

**PERSIMMON**

**Japanese**—Highly prized for its delicious fruit. We import the Japanese variety called Hyakume. Fruit large and oblong; color bright red; ripens early in the fall. **4 feet, each, \*60c to 75c.**

**CLIMBING VINES****AMPELOPSIS**

**Veitchii "Boston Ivy"**—Leaves glossy green coloring, bronze in fall; flowers small, berries deep blue. **35c.**

**Quinquefolia "Virginia Creeper"**—Common American Ivy. **35c.**

**TRUMPET VINE**

**Bignonia Grandiflora (Trumpet Vine)**—Strong climber; deciduous; flowers orange-scarlet. **50c.**

**Bignonia Tweediana**—Evergreen, clinging; flowers canary yellow. **50c.**

**CLEMATIS**

Clematis is one of the most beautiful and useful climbers, the several varieties adapting themselves to every requirement. Their magnificent flowers, borne in greatest profusion in beautiful shades of lavenders, purples, reds and white, make them especially attractive. Clematis requires a rich loamy soil, but manure should not touch the roots. Cut out the weak and surplus branches in the spring, and tie the vine up well to its support. We offer the best of the hardy large flowering varieties.

**Ramona**—Beautiful lavender, best of its color.

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Priset Hedge the Best—We Have Any Quantity.

**Montana**—White, anemone-like flowers. May to July; very hardy, rapid grower.

**Henryi**—Fine, large, creamy white flowers; a strong grower and very hardy.

**Jackmanii**—Intense violet-purple, with a rich velvety appearance; distinctly veined. The most popular and finest Clematis we have.

**Mme. Ed. Andre**—A beautiful, new variety; flowers red, large and abundant.

Choice plants of above sets, each 60c. Large plants, each, 75c to \$1.00, postpaid.

**Clematis Paniculata**—A strong, rapid and vigorous grower; it produces sheets of medium-sized, pure white flowers of the most pleasing fragrance; it is perfectly hardy and well adapted for covering trellises or fences. Choice plants, each, 35c to 40c; large, 50c to 60c.

### HONEYSUCKLE

**Belgian**—Flowers yellow, blotched with red above; blooms all summer, fragrant. Each, 50c.

**Japanese**—Evergreen; fragrant flowers, white, changing to yellow. Each, 35c.

**Hall's**—Evergreen, very popular; white, changing to yellow. Each, 50c.

### ENGLISH IVY

Large, thick, shining, leathery leaves. Each, 25c.

### JASMINE

**Jasmine Nudiflorum**—Branches drooping, enveloped with bright yellow flowers before leaves appear. Each, 50c.

**Gardenia Flowered, Cape Jasmine**—Free blooming, pure white flowers, star shaped; foliage delicate; evergreen. Each, 50c.

### WISTARIA

**W. Sinensis—Chine Wistaria**—One of the most elegant and rapid growing of all climbing plants; grows 15 to 20 feet in a season; has long pendulous clusters of pale blue flowers in May and June and in autumn. Choice plants, each, 35c to 50c; large, 75c to \$1.50.

**W. Multijuga**—Similar to above, but the flowers are darker. Each, 75c to \$1.50.

**W. Brachybotrys**—White flowering. Each, 75c to \$1.50.

### SPRAY CALENDAR—WHEN TO SPRAY, WHAT TO USE

Insect or Disease.	Plant Attacked.	What to Spray With.	First Spraying.
Codling Moth -----	Apple, Pear --	Arsenate of Lead -----	Just before calyx cups close.
San Jose Scale-----	-----	Scalecide, Standard Sulphur Lime Solution -----	When leaves are off the tree.
Oyster Shell Bark Louse -----	Apple, mainly	Standard Sulphur-Lime --	When leaves are off the tree.
Peach Moth or Twig Borer -----	Peach -----	Scalecide, 1 part to 20 parts water	When the insects appear
Woolly Aphis -----	Apple -----	Scalecide, 1 part to 40 parts water	When the insects appear
Aphis -----	Roses & Plants	Aphicide, Fir Tree Oil Soap	When the insects appear
Cabbage Worm -----	Cabbage -----	Bug Death (non-poisonous)	Just as soon as the insects appear.
Cabbage Aphis -----	Cabbage -----	Scalecide, 1 part to 40 parts water	Before the worms eat into the cabbage.
Slug -----	Pear, Cherry, Peas -----	Slug Shot, or Bud Death	When the insects appear.
Thrips -----	Roses -----	Thrip Juice, or Aphicide	When the insects appear.
Cottony Scale -----	Pear, Currant -	Scalecide, 1 part to 40 parts water	When insects become cottony (May).
Scab -----	Apple, Pear --	Bordeaux -----	Just before blossoms open.
Blackspot Canker --	Apple -----	Bordeaux, double strength	Immediately after the leaves fall.
Leaf Curl -----	Peach -----	Standard Sulphur-Lime Solution -----	Before buds burst.
Mildew -----	Gooseberry ---	Potassium Sulphide, 1 oz. to 2 gallons water -----	Just as buds burst.

**BULBS AND ROOTS FOR FALL PLANTING**

		Each	Doz.	100.
F	Hyacinths, named -----	.10	1.00	7.50
F	Hyacinths, mixed separated colors-----	\$0.05	\$0.50	\$3.75
F	Tulips, early single mixed -----	.03	.25	1.50
F	Tulips, early double mixed -----	.04	.35	2.00
F	Tulips, named -----	.05	.50	3.00
F	Crocus, separate colors -----	.02	.10	.75
F	Narcissus, single early mixed -----	.03	.25	1.50
F	Narcissus, double early mixed -----	.04	.30	1.75
F	Narcissus, named -----	.05	.50	3.00
F	Daffodils -----	.05	.50	3.50
F	Snowdrops -----	.02	.20	1.50
F	Peonies, red, pink and white, each 25c, 35c and-----	.50		
F	Chinese Sacred Lily -----	.10	.75	---
S	Lily of the Valley -----	.03	.30	---
S	Lilies, in white, red and yellow-----	.15	1.50	---
S	Gladiolus, mixed -----	.05	.50	---
S	Gladiolus, named -----	.10	1.00	---
S	Begonia, tuberous rooted single -----	.10	1.00	---
S	Begonia, tuberous rooted double-----	.15	1.50	---
F	Iris, Spanish -----	.03	.35	---
F	Iris, Japan -----	.20	2.00	---
S	Tube Roses, dwarf double pearl -----	.10	1.00	---
S	Dahlias, show and cactus, named -----	.25	2.50	---
S	Dahlias, show and cactus, mixed-----	.10	1.00	---
F	Bleeding Heart -----	.25	2.50	---
S	Cannas, new French yellow and spotted-----	.15	2.50	---

Bulbs and Roots marked F for Fall planting.

Bulbs and Roots marked S for Spring planting.

Orders for Thousand Lots, Prices on Application.

## DAHLIAS FOR CUT FLOWERS

## CACTUS DAHLIAS

**Countess of Lonsdale**—For perfection of bloom, erectness of stem, abundance of flower, this variety has never yet been equaled. On several of the plants we have counted over 150 perfect blooms on one plant. Is there any other garden flower that can equal it? The color is a rich salmon-pink tinted apricot. The one best Dahlia.

**Country Girl**—Base of petals golden-yellow suffused with salmon-rose or old gold, which is deepest at the tips of petals.

**Floradora**—Deep, dark, rich wine-crimson, splendid shaped flowers on long upright wiry stems. Habit the ideal of perfection.

**J. H. Jackson**—This is without doubt the finest dark Cactus Dahlia. Its velvety black crimson-maroon shade is very striking. Large and perfect.

**Kriemhilde**—A magnificent variety bearing perfect flowers of fresh delicate pink shading to deep rose-pink. The center petals ultimately change to creamy-white, giving the mature flower a captivating pink and white effect.

**Mrs. George Stevenson**—This is the grandest clear yellow Cactus Dahlia to date. The petals are very long and narrow and stand well above the foliage. Extra fine.

**Standard Bearer**—Bright, pure scarlet; flowers large and full to the center; of symmetrical and perfect form. Petals semi-quilled. Extraordinarily productive. One of the very best.

**Master Carl**—Bright amber, of giant size and perfect form, immense petals, gracefully curved; free-blooming, distinctive. Each, 35c.

**Progenitor**—Bright carmine, fringed petals; a free bloomer of great beauty.

**Roland Von Berlin**—A fine scarlet of great brilliancy, flowers full and erect; long stems; one of the best.

**Mrs. H. J. Jones**—A striking combination of intense scarlet with cream tips to petals, sometimes showing stripes and markings of white.

**Olive Tracy**—Clear canary yellow, a delicate color, produced on long stems, making it a valuable variety for cutting.

**Pink Pearl**—Mellow pink at the base of the petals, shading off gradually to white at the tips, the effect being a soft rosy pink.

**Prince of Yellows**—A rich canary yellow, of very large size, with broad petals, which are fringed at the tips; a strong grower, producing an abundance of blooms of fine quality.

**Mabel Tullock**—Described by many as an improved Kriemhilde. The flowers are larger, with more petals, long, narrow, twisted and incurved. Color a beautiful soft rosy pink. An early and profuse bloomer that will become a standard market cut-flower variety. We cannot recommend it too highly. 35c each.

**Marjorie Caselton**—Pleasing shade of rose-pink, with white center. Strong plants, 30c each; \$3.00 per doz.

**Aunt Chloe**—Dark maroon, shaded black. Flowers of medium size, perfect Cactus form, with narrow, pointed petals.

**Victor Von Scheffel**. Delicate pink shading to deep rose-pink. The best in its color.

**Jealousy**—Purest pale canary-yellow, without shade or blemish. Very finest form, large, borne on erect stems. 35c each.

**Sailor Prince**—A grand rich crimson, long, narrow petals; finest form, always full to the center; early; very profuse bloomer. Strong roots. 50c each.

**Amos Perry**—The best bright scarlet Cactus to date; color purest flaming scarlet, with long, narrow, twisted petals of irregular formation. Plant of dwarf, branching habit, bearing the blooms in the utmost profusion on long, slender stems well above the foliage. 50c each; \$1.50 per doz.

Mixed, our selection.

Price, any of the above (except where noted), 25c each; \$2.50 per doz.

## SHOW AND DECORATIVE DAHLIAS

**Mr. Roosevelt**—The color is a delicate shade of soft pink; flowers are perfectly double and very large, measuring 6 to 8 inches in diameter. Strong plants. 30c each.

**Pendent**—Very large; bright crimson-maroon. An early and profuse bloomer. Strong roots. 30c each; \$3.00 per doz.

**Souv. De Gustave Louzon**—The largest Decorative Dahlia today, possessing grace, beauty and elegance. The color is a beautiful red, the flowers frequently measuring 8 inches in diameter; these immense blooms are borne in profusion on long, stiff stems, well above the foliage. Strong plants, 30c each; \$3.00 per doz.

**Miss Minnie McCullough**—A superb variety. The color is a very soft yellow, overlaid with bronze; very handsome under artificial light; one of the best as a cut-flower. Strong roots, 25c each; \$2.50 per doz.

**Madam Van Den Dael**—A grand decorative variety of immense size and beautiful form. Color shell-pink, with deeper markings. Strong plants, 40c each; \$4.00 per doz.

**Olympia**—Flowers of immense size, measuring 6 to 7 inches across, with full, high center. Color is deep rose-pink, striped and penciled crimson. Strong roots, 30c each.

**Nymphaea**—The most delicately beautiful of the entire collection. Color clear, light shrimp-pink tinting lighter toward the center.

**Henry Patrick**—A superb pure white variety of large size and borne on long stems; fine for cutting. 30c each.

Pansy Plants in Bloom March 1st, 50 Cents a Dozen.

## FRAGRANT PAEONIES.

## STANDARD VARIETIES DOUBLE AND HERBACEOUS PAEONIES

The old-fashioned Paeony officinalis in our grandmother's garden, while still popular because of their early flowering, have been eclipsed by the wonderfully improved sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubby border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position; which, however, is not absolutely necessary, as they thrive almost equally as well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest Roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equaled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, and once planted increase in beauty each year.

An important point to observe in the planting of Herbaceous Paeonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil.

**Agnes Mary Kelway**—Rosy white guard petals, creamy-white centre.

**Andre Lauries**—A fine late Tyrian rose.

**Arthemise**—Free bloomer in clusters; large, violet rose, with light mauve shadings.

**Augustin d'Hour**—Immense scarlet-purple, with silvery reflex; one of the finest.

**Canary**—One of the freest, of medium size; pure white guard petals with amber-white centre.

**Chrysantheflora Rosea**—A fine large deep rose-pink, with paler shadings in the centre.

**Duc de Cazes**—Guard petals tyrian-rose, centre rose-pink.

**Duchesse de Nemours**—Large sulphur-white; fragrant.

**Edulis Superba**—Violet-rose guard petals; centre mauve-rose with lighter edges. 50c each.

**Edouard Andre**—Globular semi-double flowers of dark carmine-violet with metallic reflex and golden yellow stamens.

**Festiva Maxima**—This truly superb variety, the finest white in cultivation, combines wonderful purity of color, freedom and earliness of flower. 50c each.

**Lady Bramwell**—A beautiful silvery-rose, of fine form.

**L'Eclatante**—Large, showy, brilliant red flowers in clusters.

**Louis van Houtte**—Brilliant crimson-marrow of good size.

**Marie Jacquin**—Flowers semi-double, almost pure white, with yellow stamens. Very aptly named the "Water Lily Paeony." 50c each.

**Meissonier**—Large brilliant purple-red; centre deep crimson.

**Paganini**—Light solferino red with lighter centre.

**Princess Galitzin**—Pale lilac-rose; centre of bloom composed of many narrow thread-like creamy-white petals.

**Queen Victoria**—A strong-growing pure white variety with creamy-white centre. 50c each.

**Reine des Roses**—Bright violet-rose with lighter shades in the centre.

**Victoire Modeste**—Very large flowers of bright lively violet-rose, with salmon centre.

**Price.** Any of the above (except where note), 25c each; \$2.50 per doz.

**Paganini**—Light solferino red with a lighter center.

**Double Herbaceous**—Paeonies in mixture.

All colors 15c each; \$1.50 per doz.; \$10.00 per 100.

## DOUBLE TREE PAEONIES

The Tree Paeonies (*P. Moutan*) differ from the herbaceous varieties in their growth, which is in the form of a dwarf shrub; they are equally free-flowering, and commence blooming about three weeks earlier than the double herbaceous sorts, and while also perfectly hardy they are benefited by slight protection through the winter.

**De Bugny**—Exceptionally free-flowering, semi-double, cup-shaped, pure white, with rosy purple stripes and rich golden anthers.

**La Ville de St. Dennis**—An immense flower, white and lilac sheen.

**Louise Mouchelet**—Large salmon with silvery sheen.

**Maxima Flena**—Cup-shaded, semi-double, of immense size, white with violet-red shaded centre.

**Souv. de Ducher**—Globular flower, deep violet-red with magenta reflex.

**Souv. d'Etienne Mechlin**—Rich rose color with silvery reflex, semi-double flower of good form.

Strong plants, \$1.00 each. Set of 6 varieties, \$5.00.

## PAEONIA OFFICINALIS

This type is the real old-fashioned "Paeony," and comes into bloom from ten days to two weeks ahead of other herbaceous sorts. All are strong growers, with large, full, double, fragrant flowers.

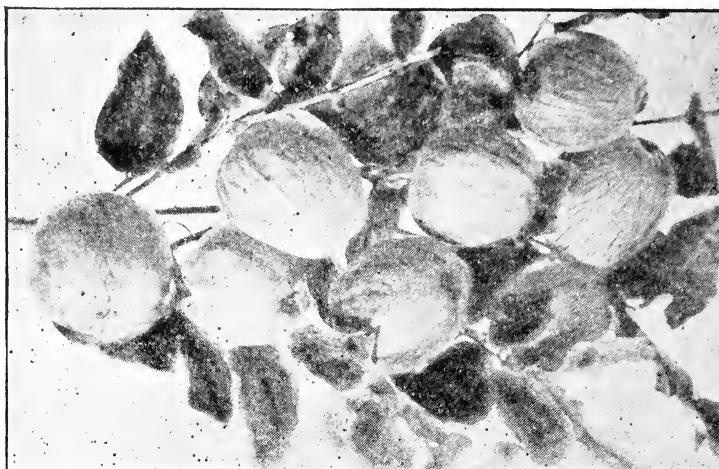
**Mutabilis Alba**—Blush white.

**Mutabilis Rosea**—Brilliant rose-pink.

**Rubra**—Brilliant, glowing, deep crimson.

50c each; \$3.00 per doz. One of each for 75c.

# "SANDAHL'S WINTER GRAVENSTEIN"



## SAY, YOU PUGET SOUND APPLE GROWERS!

Here at last is the apple you have all been looking for, "Sandahl's Winter Gravenstein."

The fall Gravenstein is so well and favorably known that no description is necessary; of this new apple we can say that it has the same identical flavor and color of the mother fruit, but the shape is very much like bell flower. It has the following superior points of merit, viz:

First—It is strictly a winter apple, as we have had it keep without storage or any extra care, to May 1st, at which time the apples were in a perfect condition.

Second—The bearing qualities are much superior to fall Gravenstein, as the trees now in bearing at Cedarhurst, King County, Wash., testify, they having been bearing four years, and every year have had a bumper crop of fruit.

Third—This apple having originated in the Puget Sound country, marks it as one of the best varieties possible to plant for winter apple.

Apples will be on exhibition at our store from November 1st to April 1st, and those

of you who can we would like to have you call and see it. Herewith we give a copy of a letter from the grower, Mr. D. H. Culman of Cedarhurst, Wash. Read what he says of it.

Cedarhurst, King Co., Wash.,

Aug. 28, 1914.

Puget Sound Nursery & Seed Co.

Dear Sir:

The Winter Gravenstein apple trees that I bought of you are giving good results; they have been bearing four years. The apple is juicy and sub-acid flavor. They resemble both the Gravenstein and the Bell Flower, the Bell Flower in form, the Gravenstein in color and flavor. The trees are great bearers having borne heavy crops since starting, and I can recommend them to any one wanting a good winter apple. I have kept them until 15th of April.

Respectfully,  
D. A. CULMAN.

We have the only stock of this variety in existence, and our stock is very limited. Orders booked in order as received. When our present small stock is gone none can be had until next season. **2 to 3 ft., \$1.50 each; 3 to 4 ft., \$2.00 each.**

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**Get Special Prices on Three or Four Year Trees**

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## HIGH GRADE FERTILIZERS

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These fertilizers contain in a concentrated form food necessary to grow all fruit, vegetables and other farm products in large increased crop per acre at lowest possible cost in time, labor and money. They are quick acting, contain no weed seeds and are easily applied.

### BONE MEAL

Decomposes slowly in the soil and is therefore an excellent permanent improvement. Excellent for top dressing lawns, and grass lands, for garden and field crops, furnishing a strong supply of plant food for a long time. **Price, 100 lbs., \$2.50.**

### BLOOD MEAL

Pure Blood, cooked, dried and finely ground, a quick-acting fertilizer, analyzing very high in effective nitrogen; in fact, the nitrogen of Dried Blood is one of the most effective forms of organic nitrogen known. This also carries some phosphorous; is a strong fertilizer, a little going a long way. **Price, 5 lbs., 30c; 10 lbs., 50c; 100-lb. sack, \$3.50.**

### NITRATE OF SODA

Valuable solely for the nitrogen it contains, and should be used in connection with other fertilizers. It is quick in action and hastens crops to maturity and the effect is almost immediate. It is extremely soluble, the best results being obtained by two or three light applications. 100 to 200 pounds per acre. **Price, 10 lbs., 50c; 100 lbs., \$3.50.**

### SHEEP GUANO

Pure pulverized sheep manure is the most nutritious of the animal fertilizers. Immediate and lasting in effect. It is excellent for mixing with the soil for greenhouse purposes as well as garden and promotes a rapid and steady growth. **Price, per sack, \$1.50; ton, \$25.00.**



Gold Medal Awarded Us at the  
Alaska-Yukon-Pacific Exposition  
for Best Exhibit of Evergreen  
Shrubs and Ornamentals. :: :: ::



## NURSERY LOCATION

Our Nursery is located in the fertile "White River Valley." The Puget Sound Electric Railway passes through our nursery and a station, "West Hill," lets you off on the grounds; distance 12 miles from Seattle.

### STORE AND OFFICE

218 Seneca Street      Seattle, Wash.  
Phone Main 3253

### NURSERY

R. D. No. 5, Seattle, Wash.  
Phone, Renton, White 254